

FIG. 1

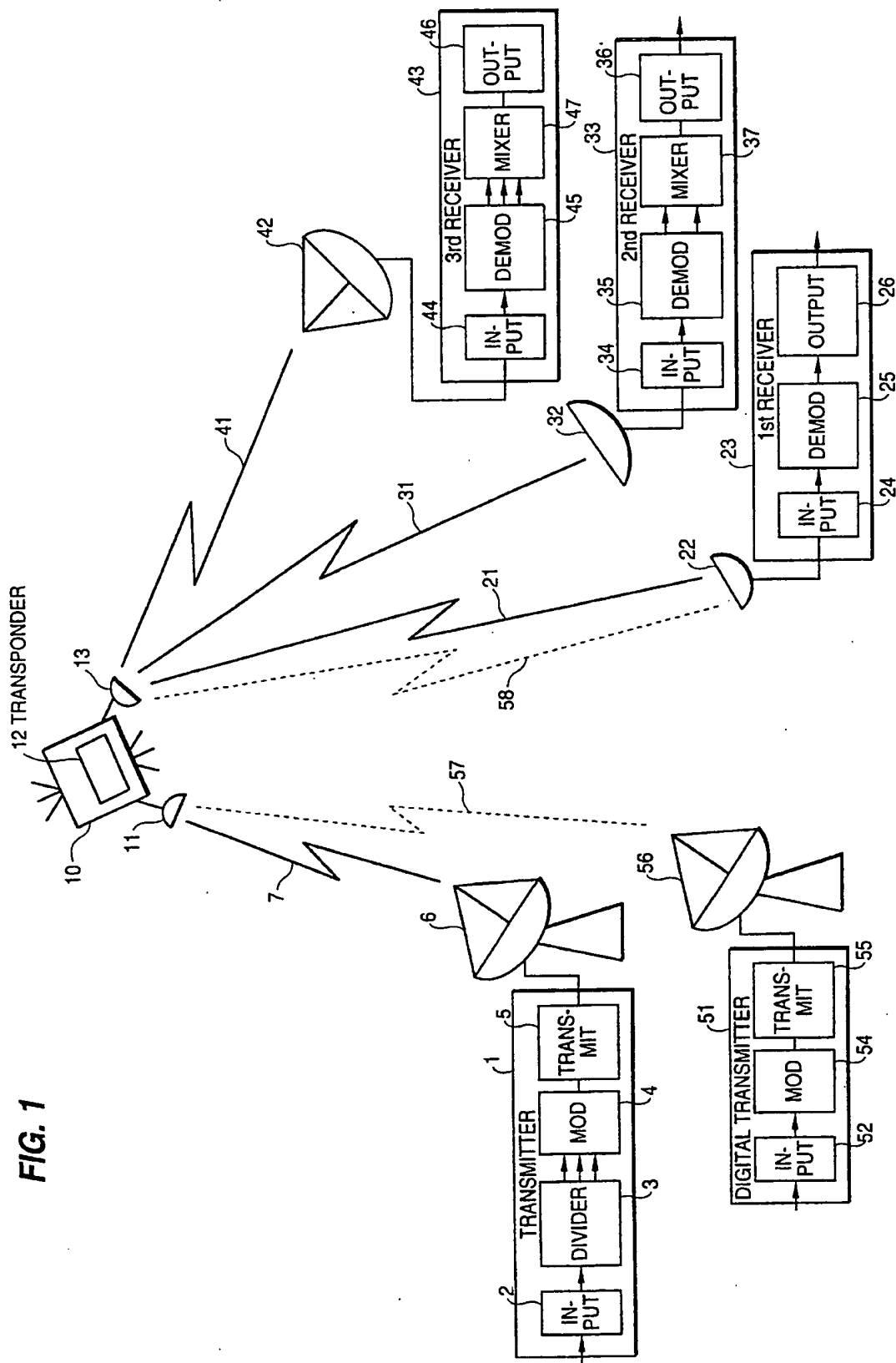


FIG. 2

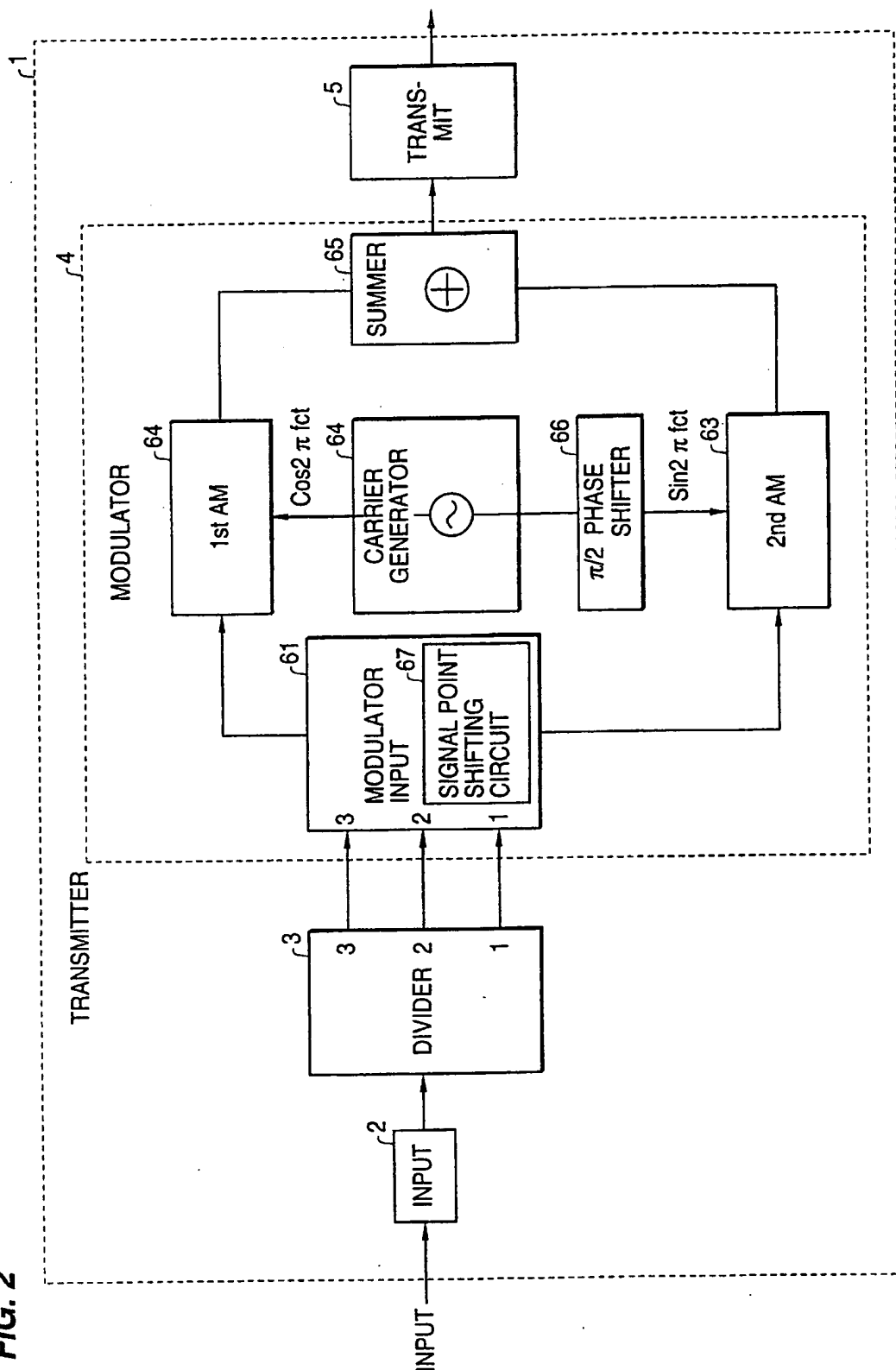


FIG. 3

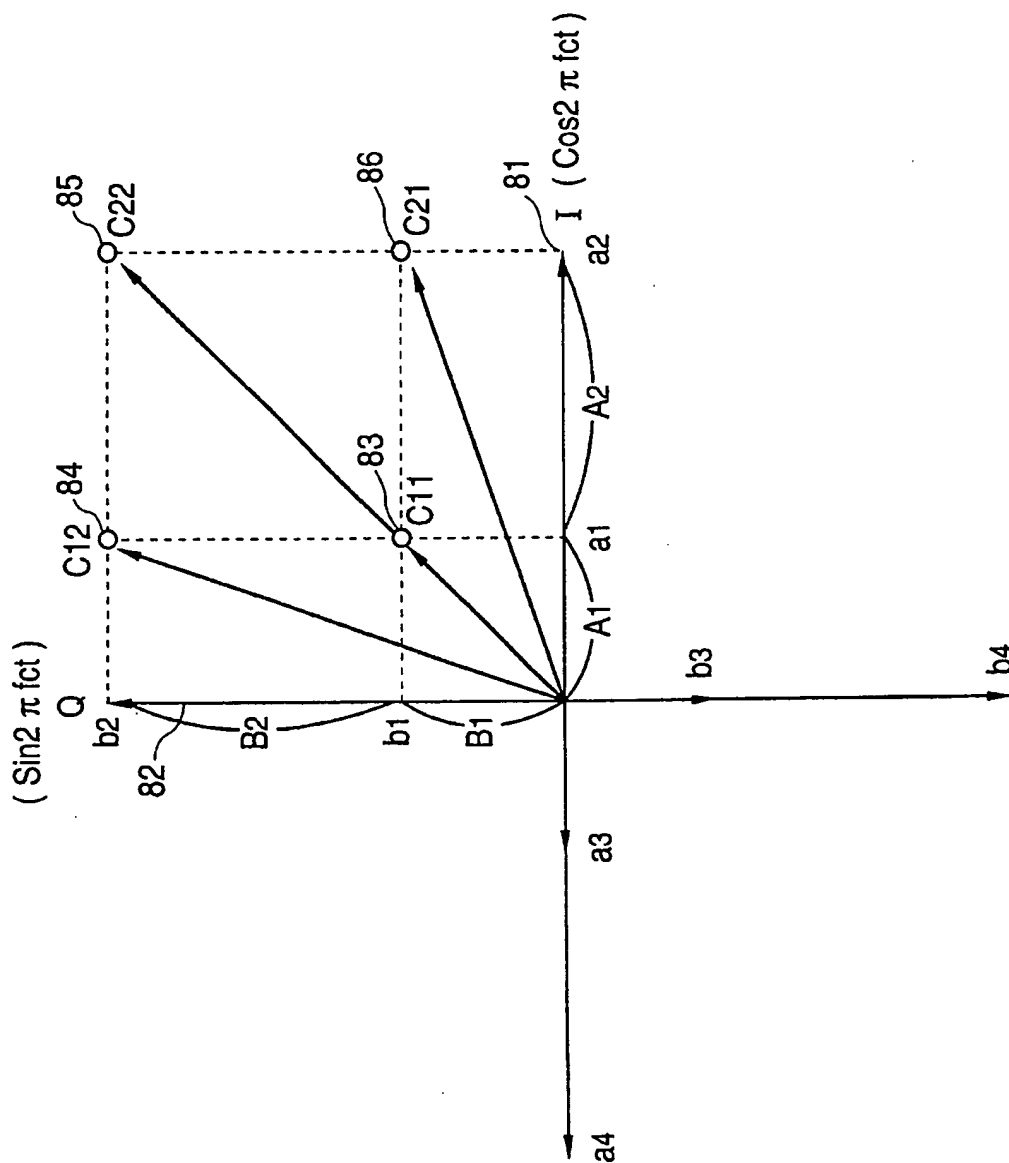
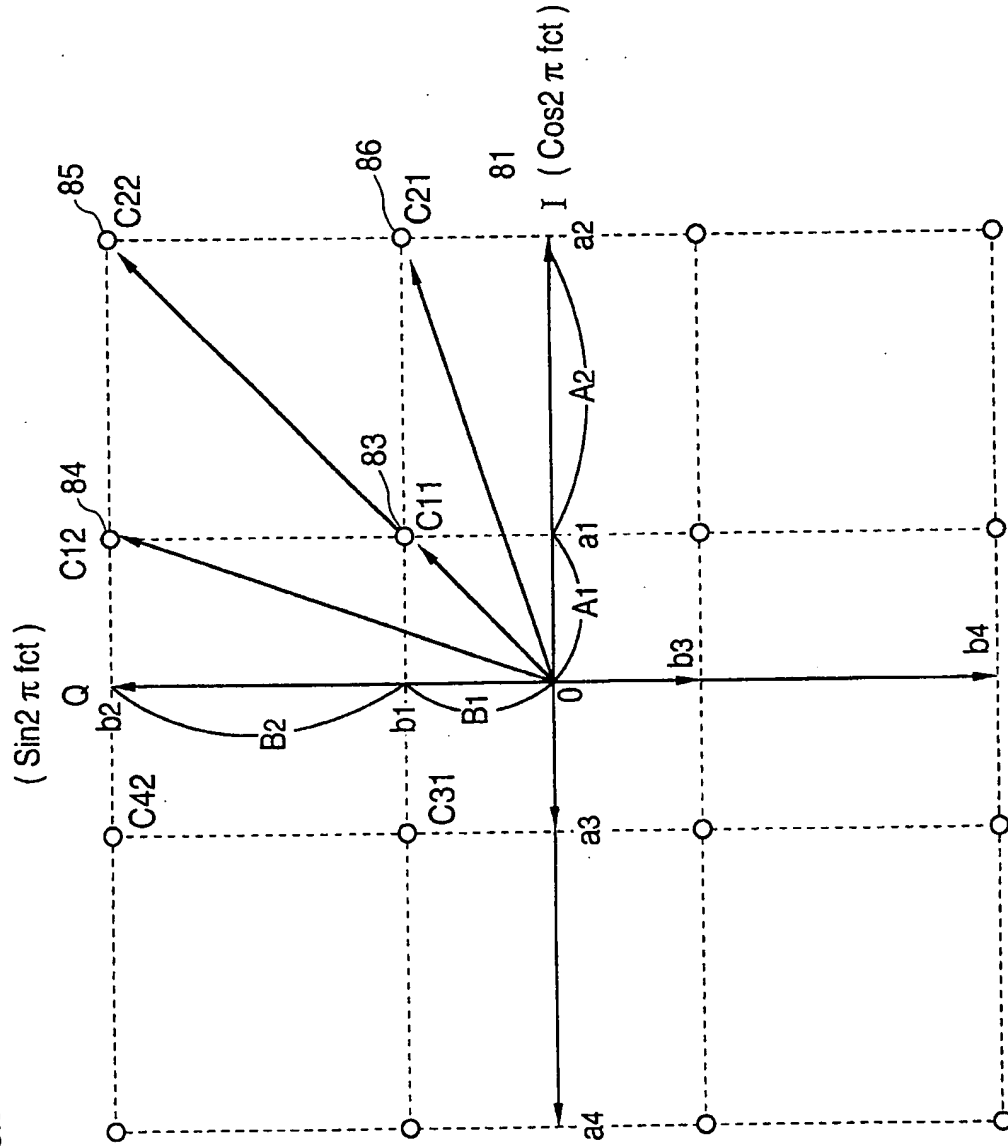


FIG. 4



554020 22044260

FIG. 5

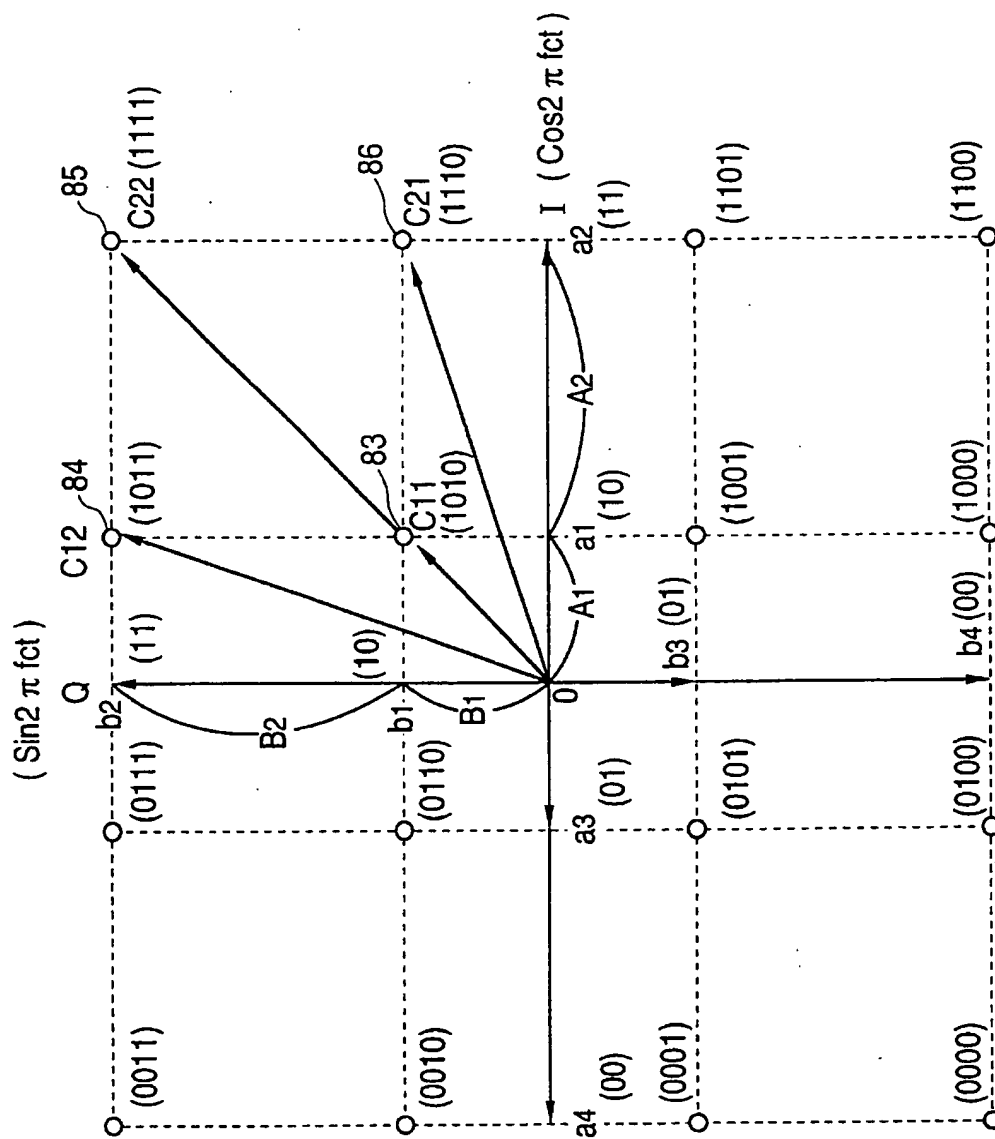
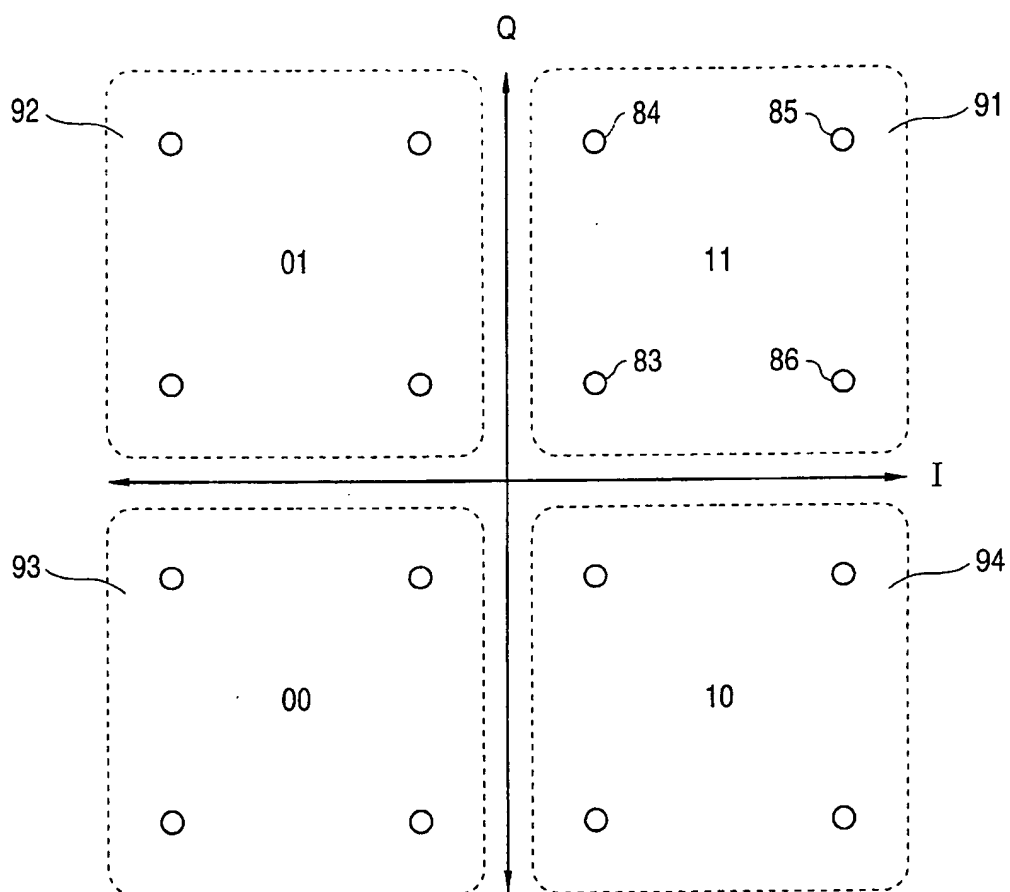
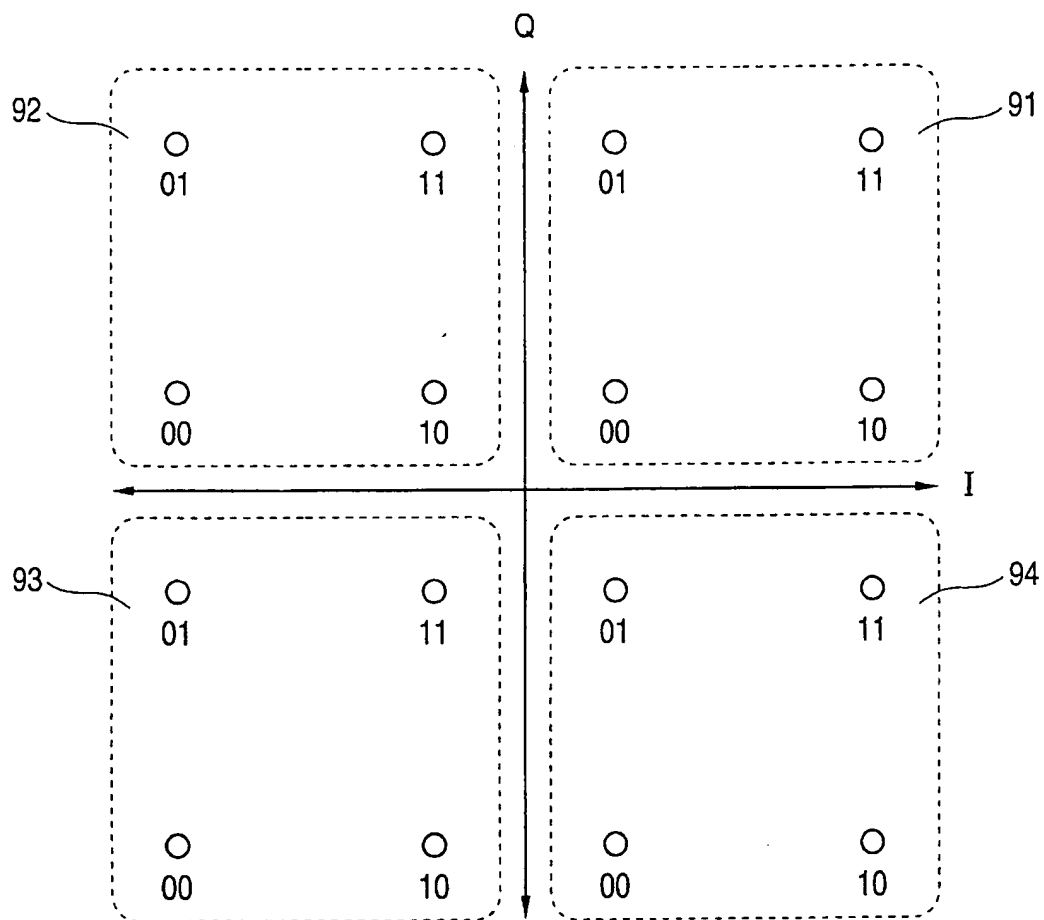


FIG. 6



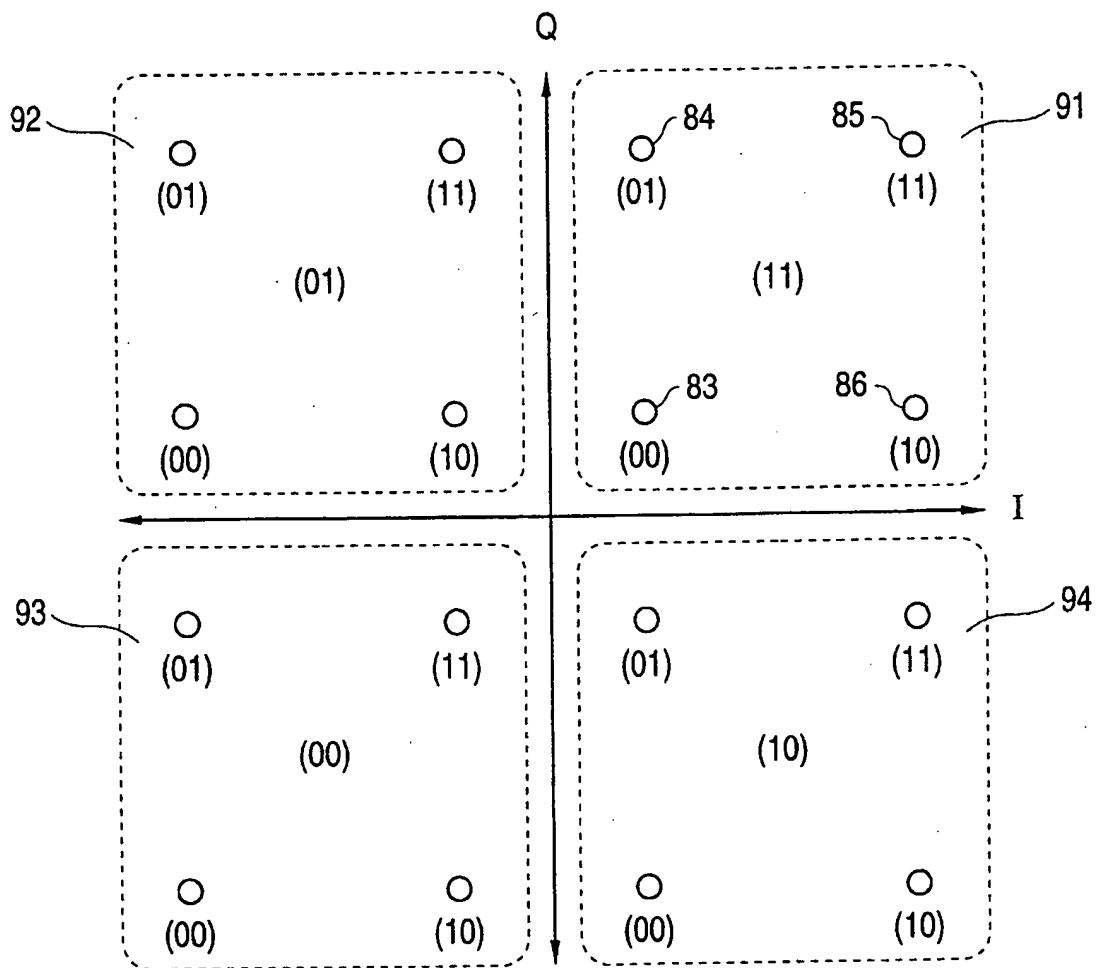
654020" 4E044260

FIG. 7



664020-2E044260

FIG. 8



664020" 4E044260

66-4406-1000

FIG. 9

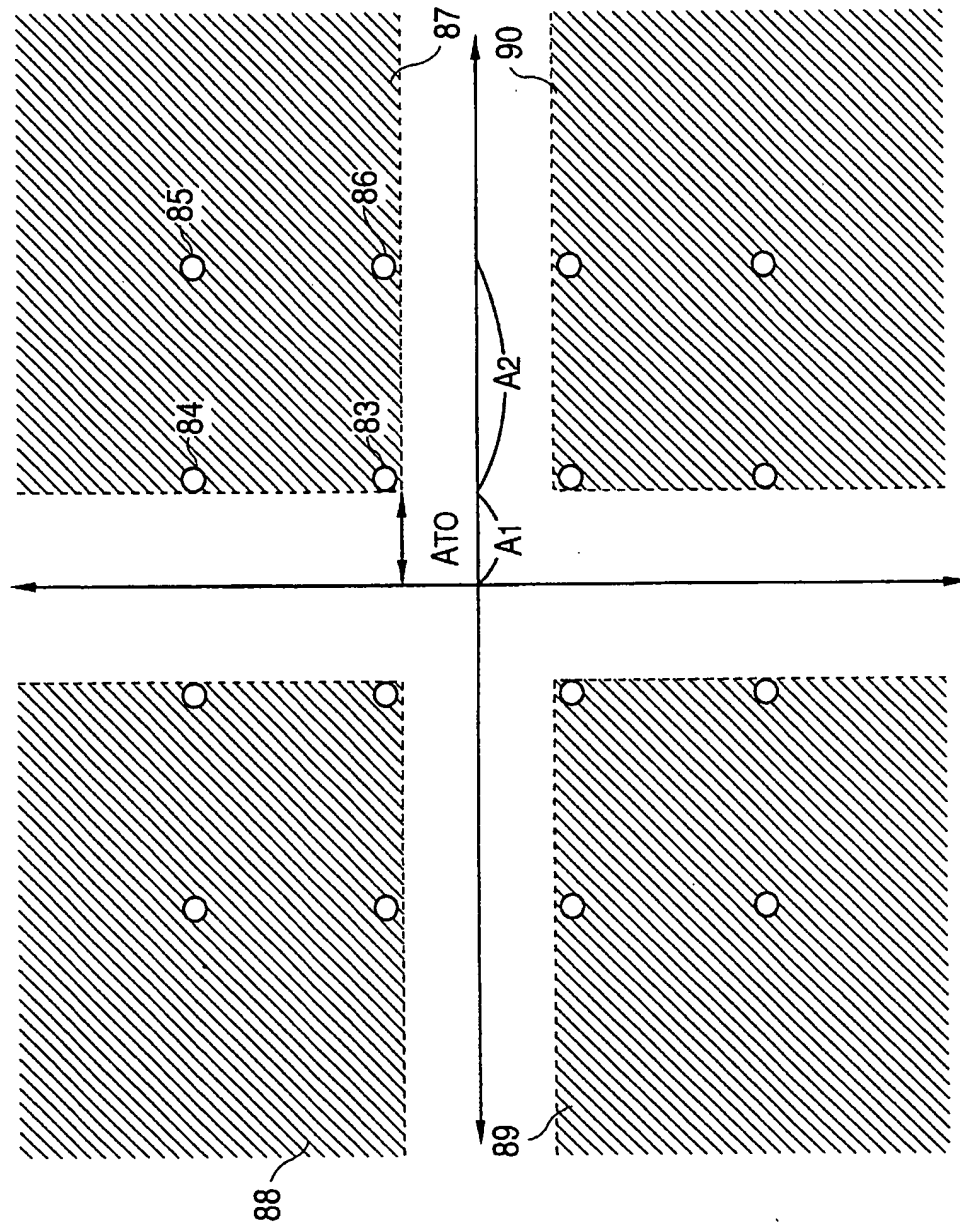
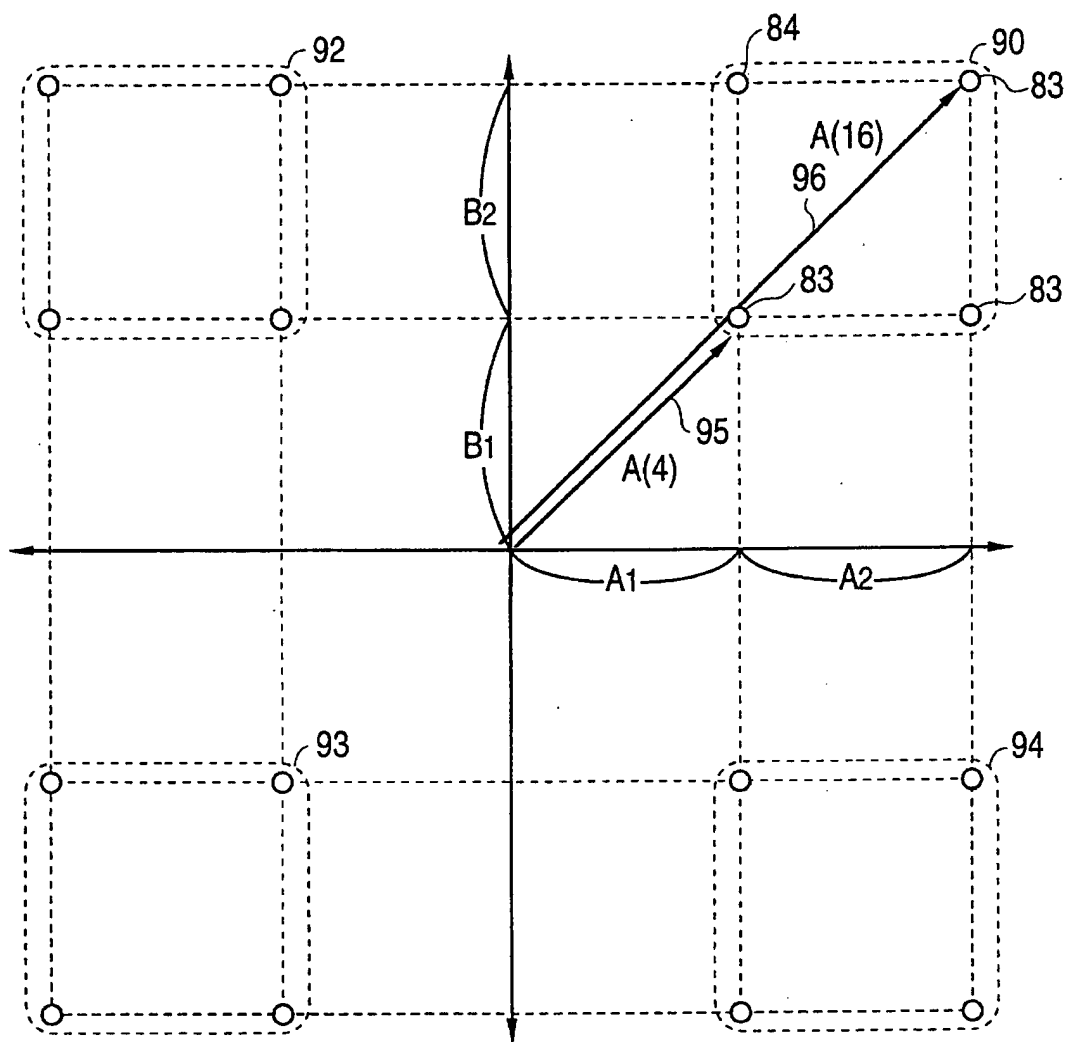


FIG. 10



554020" 22044260

FIG. 11

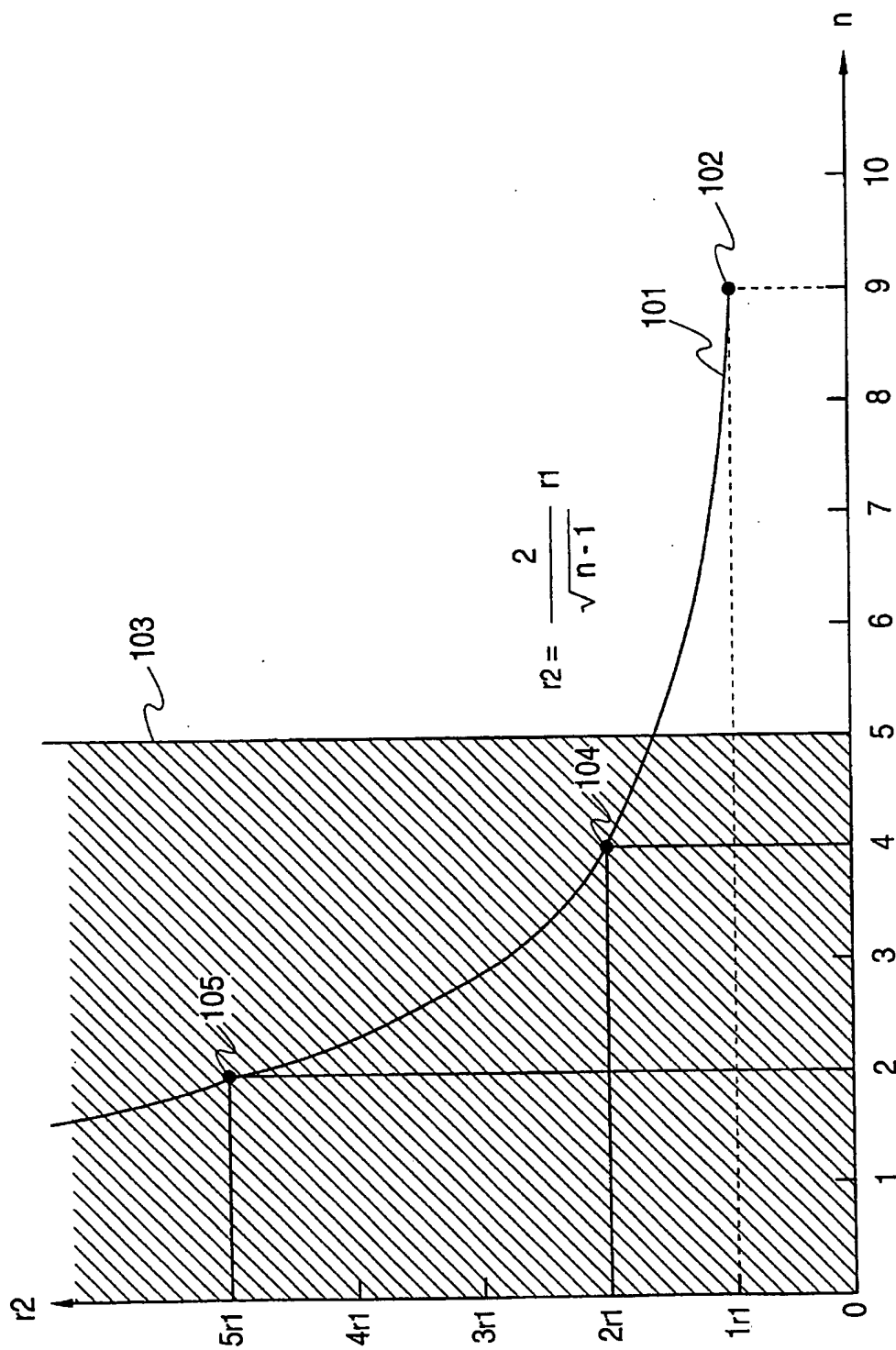
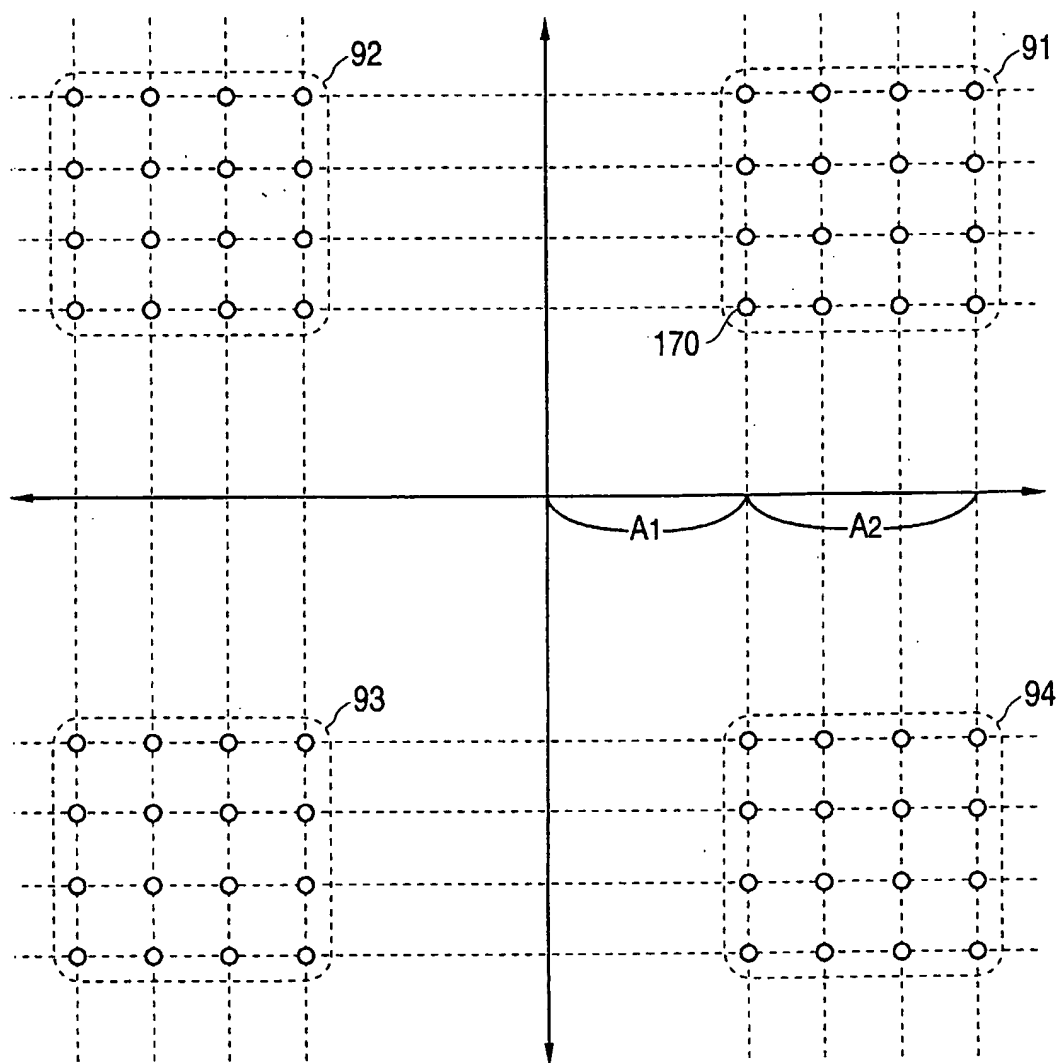


FIG. 12



654020" 2E044260

FIG. 13

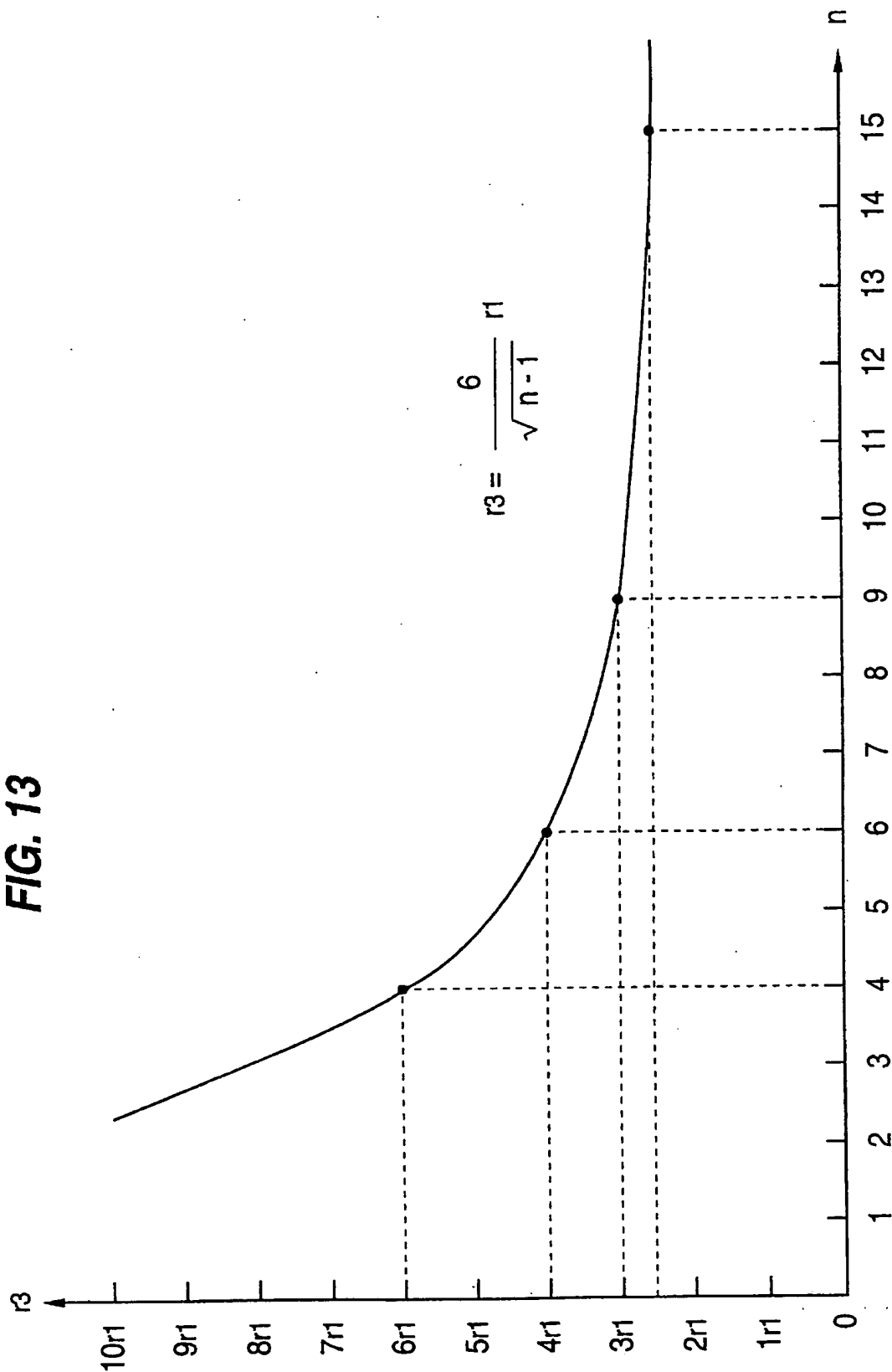


FIG. 14

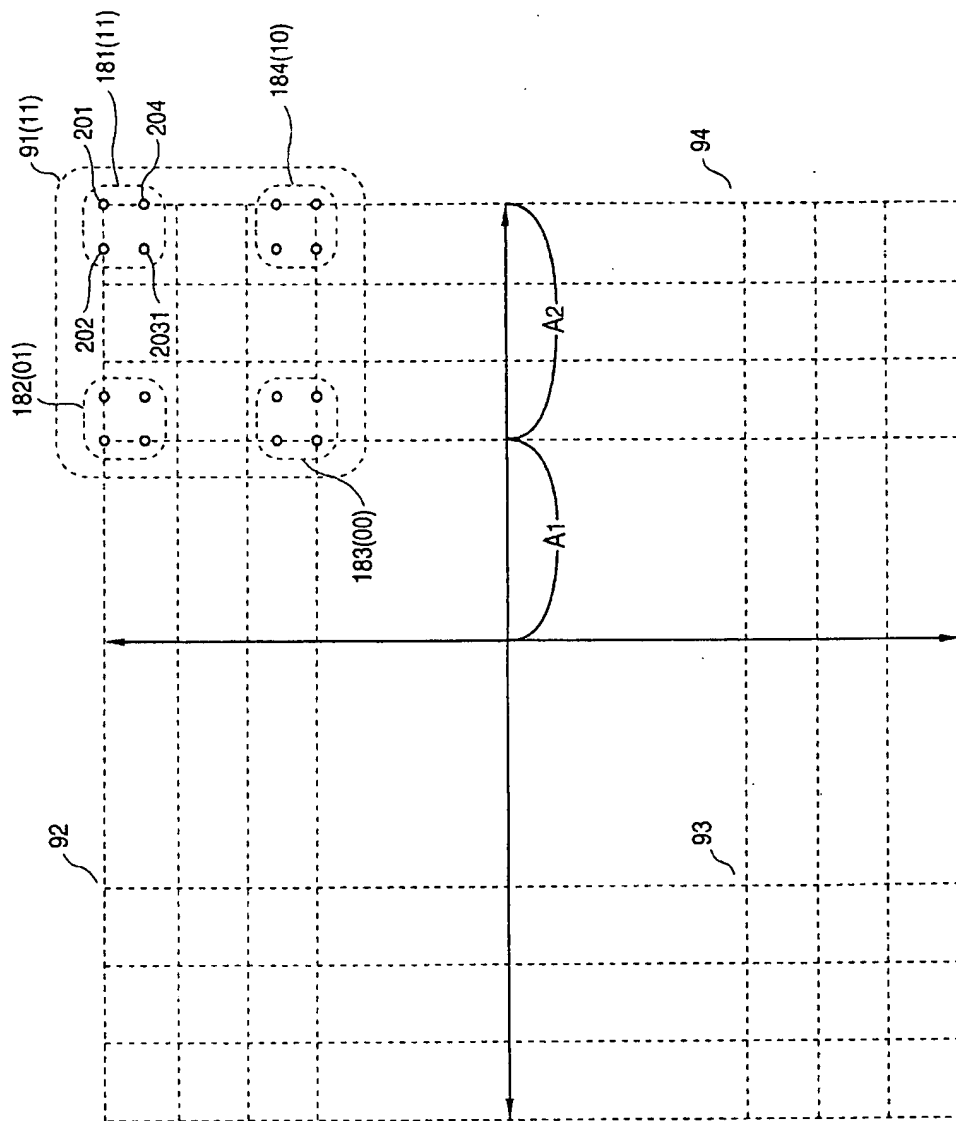


FIG. 15

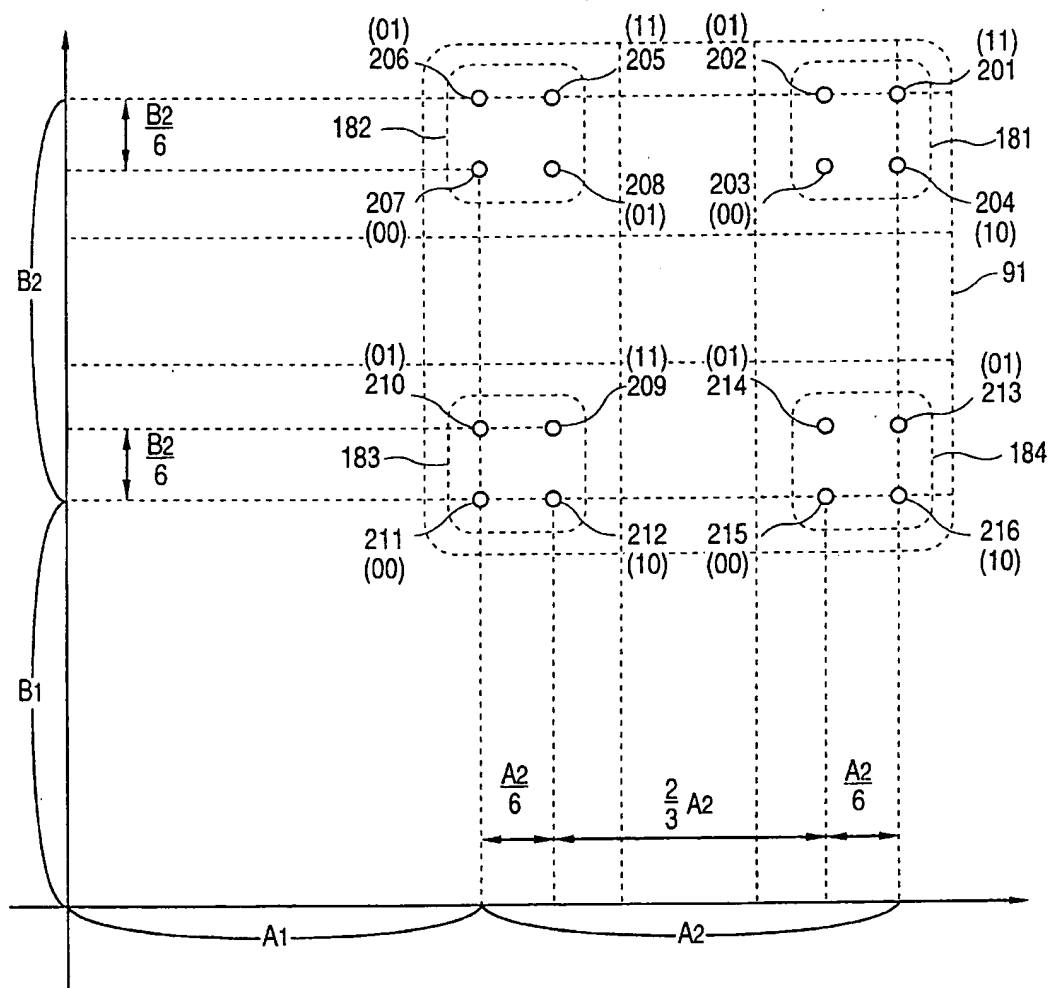


FIG. 16

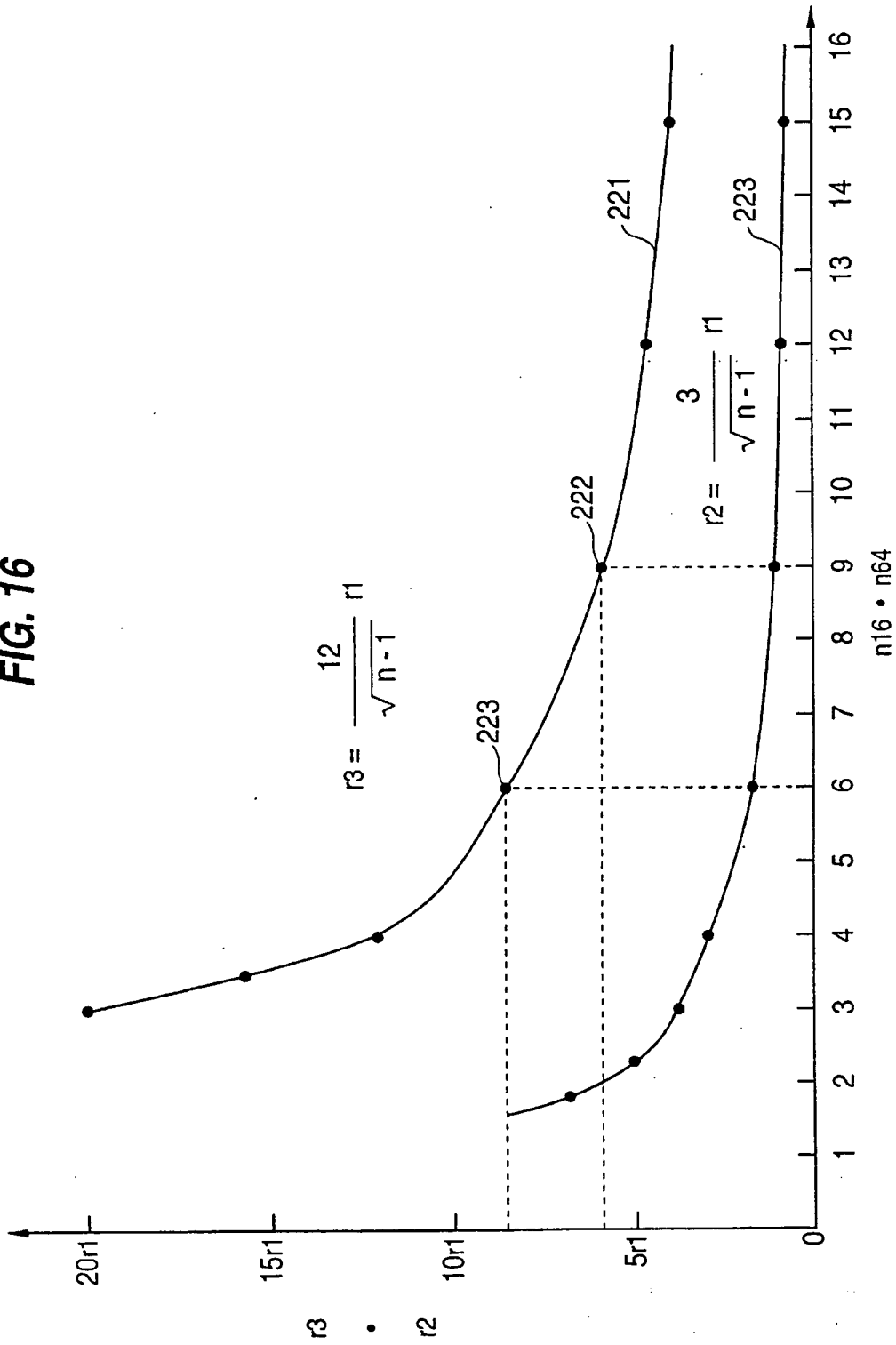


FIG. 17

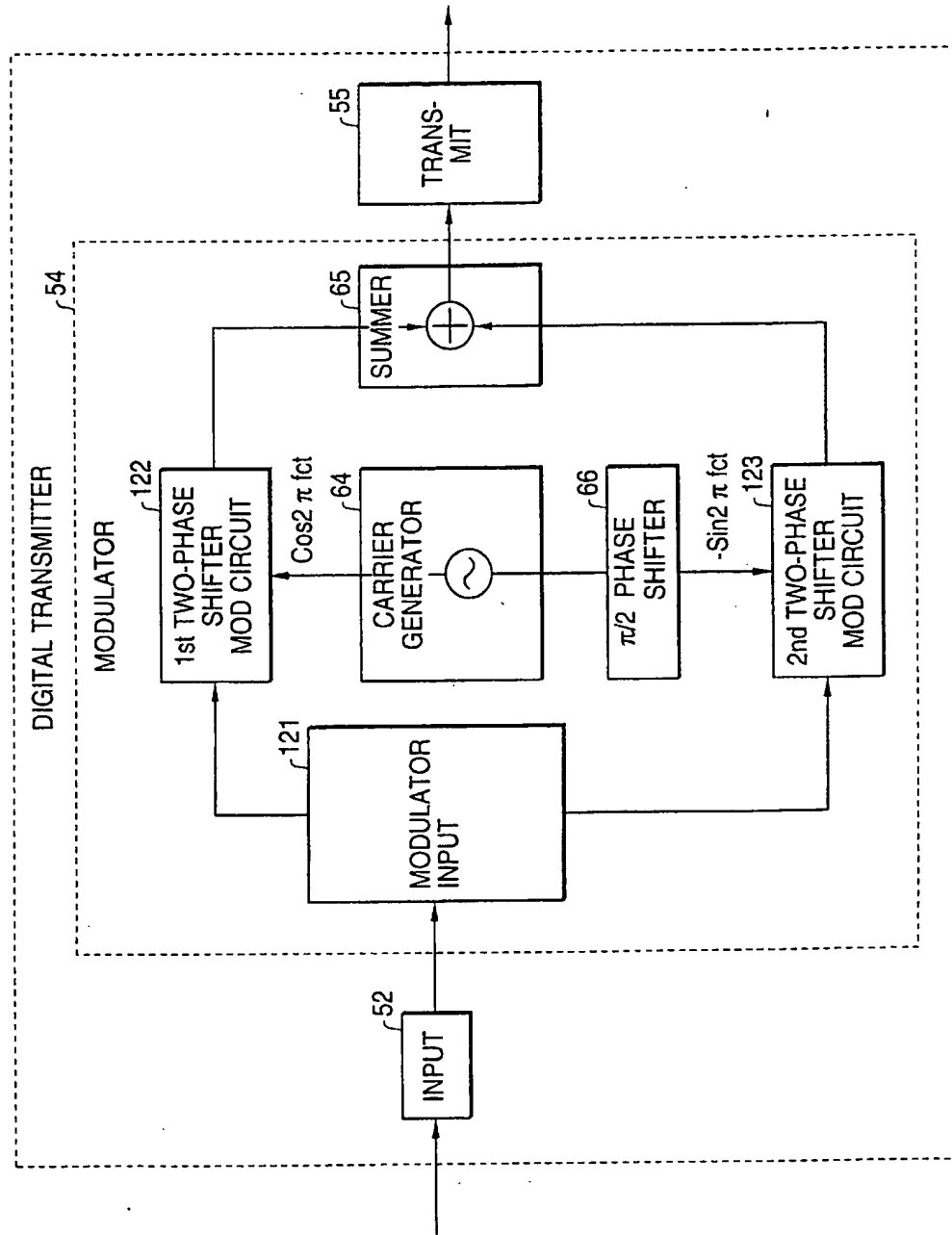
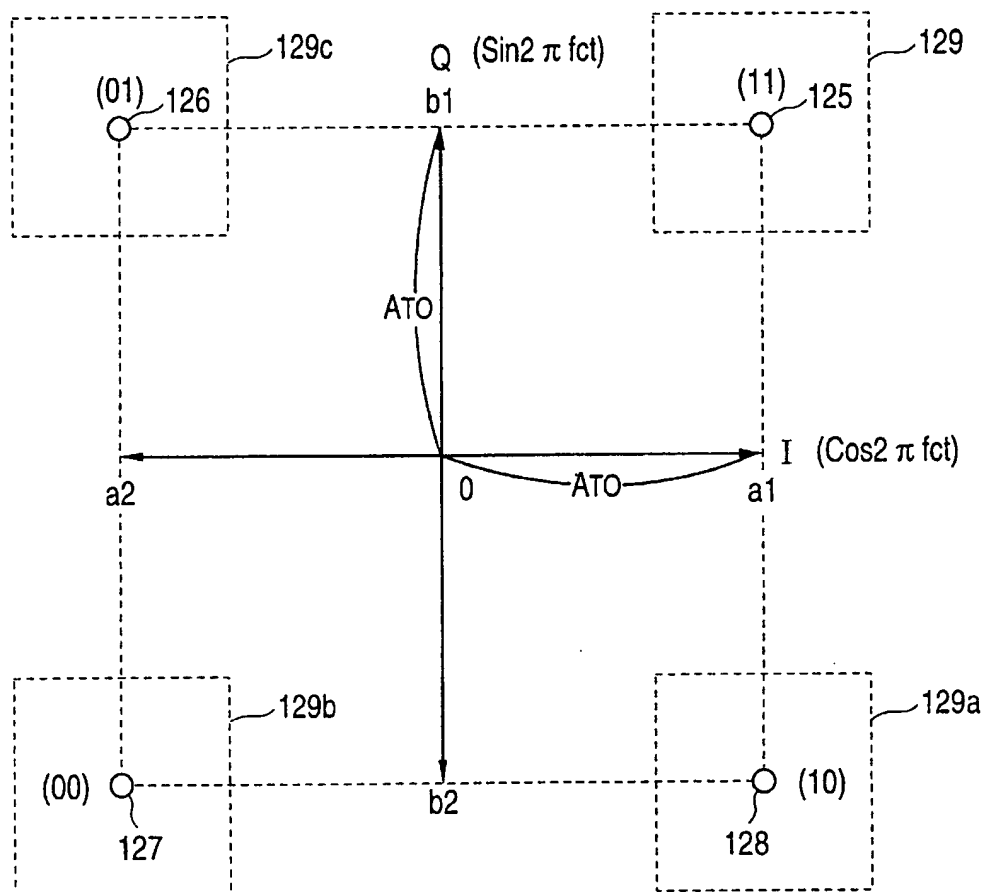
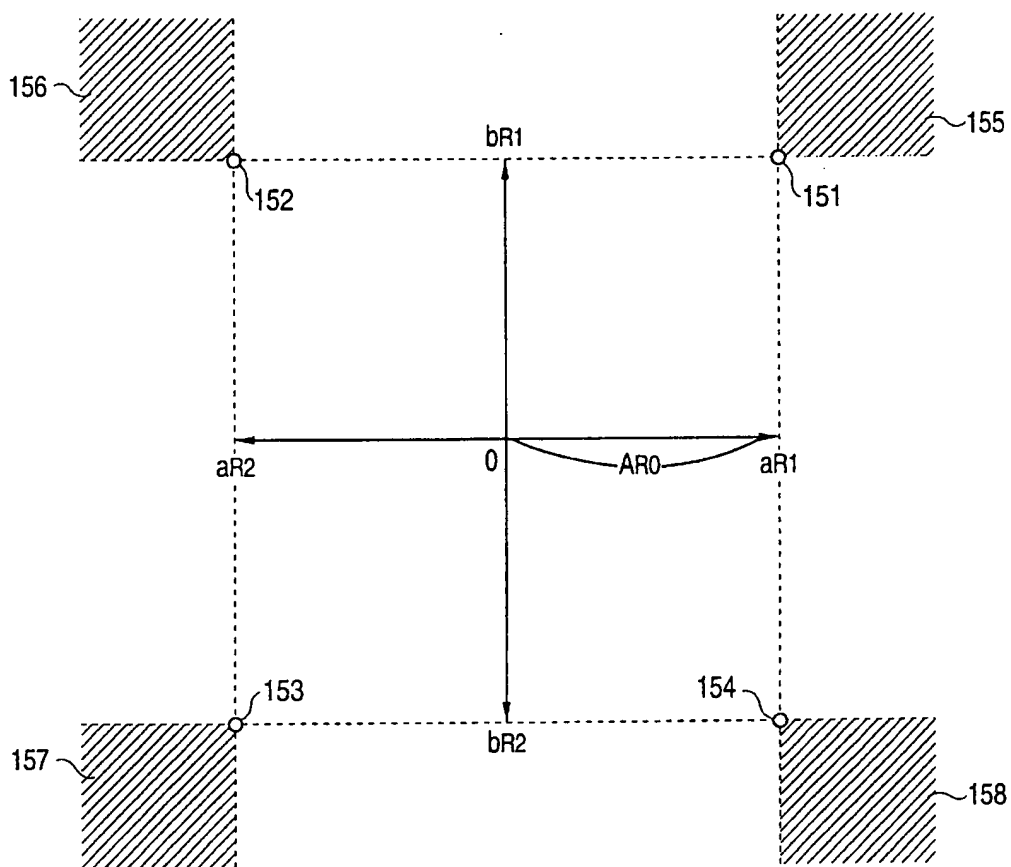


FIG. 18



664020" 2E044260

FIG. 20



664020" 2E04h260

FIG. 21

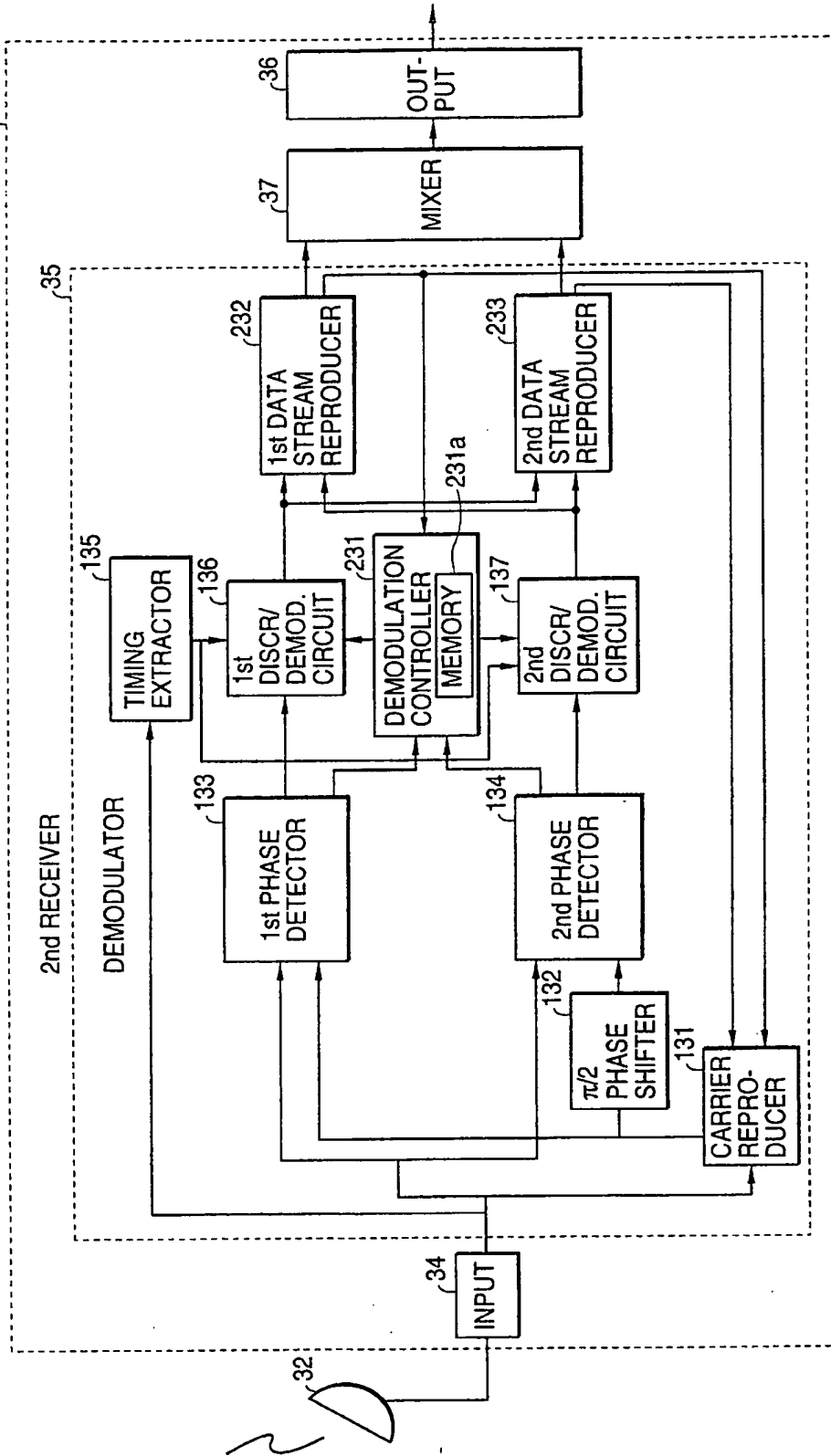
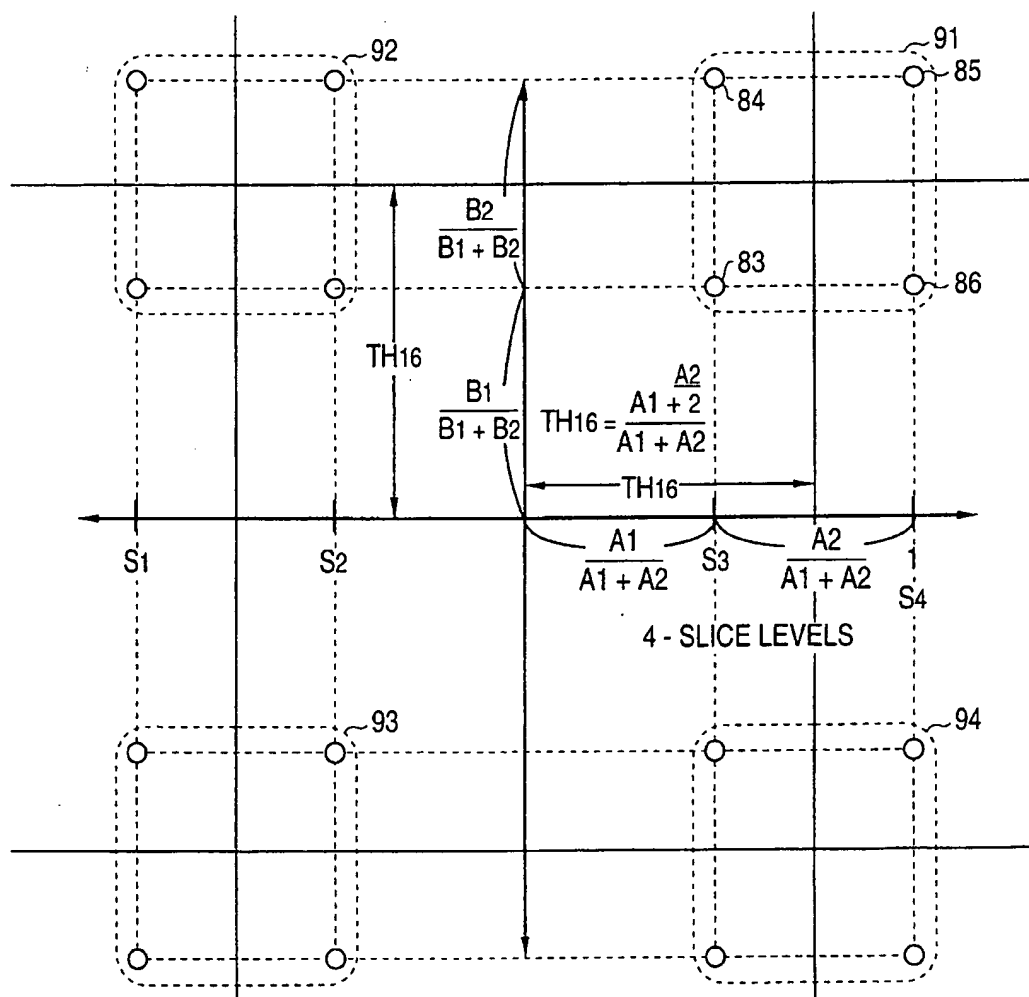


FIG. 22



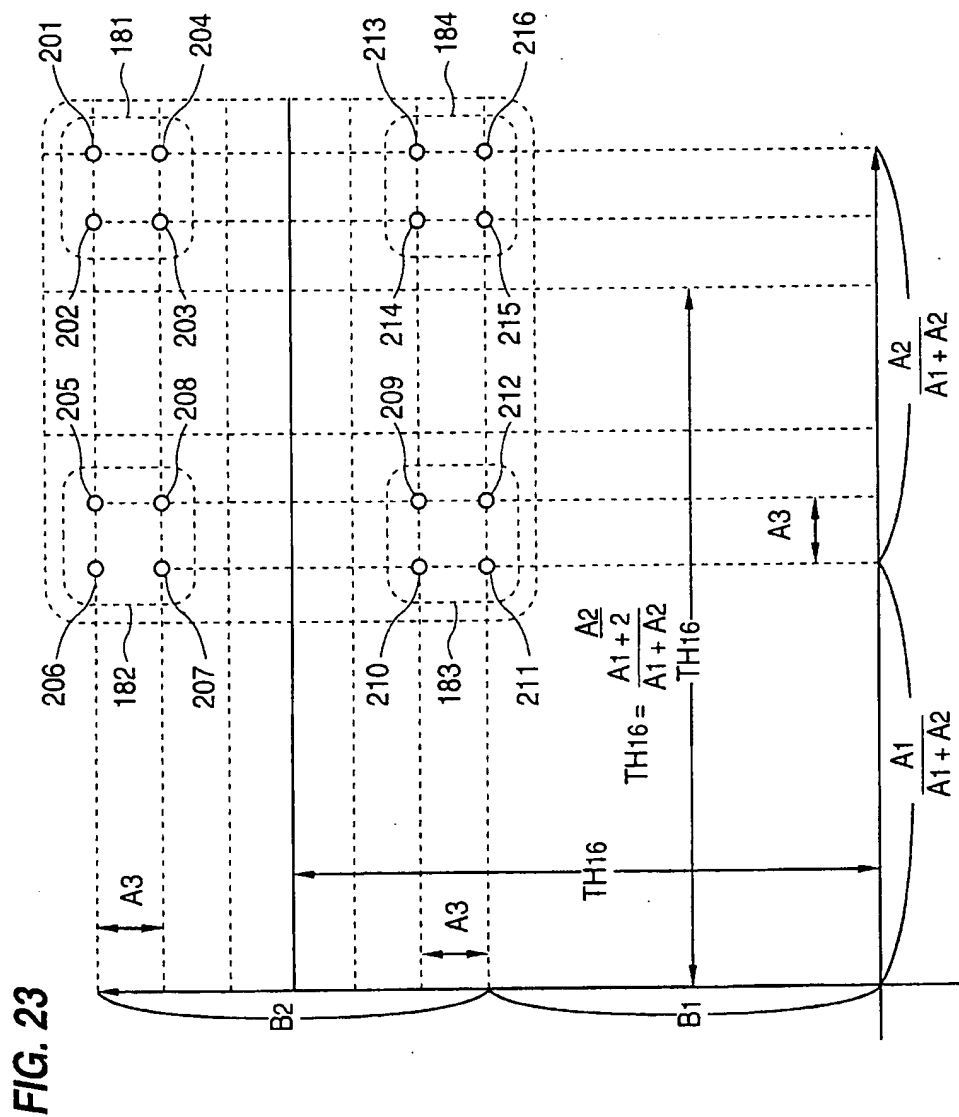


FIG. 24

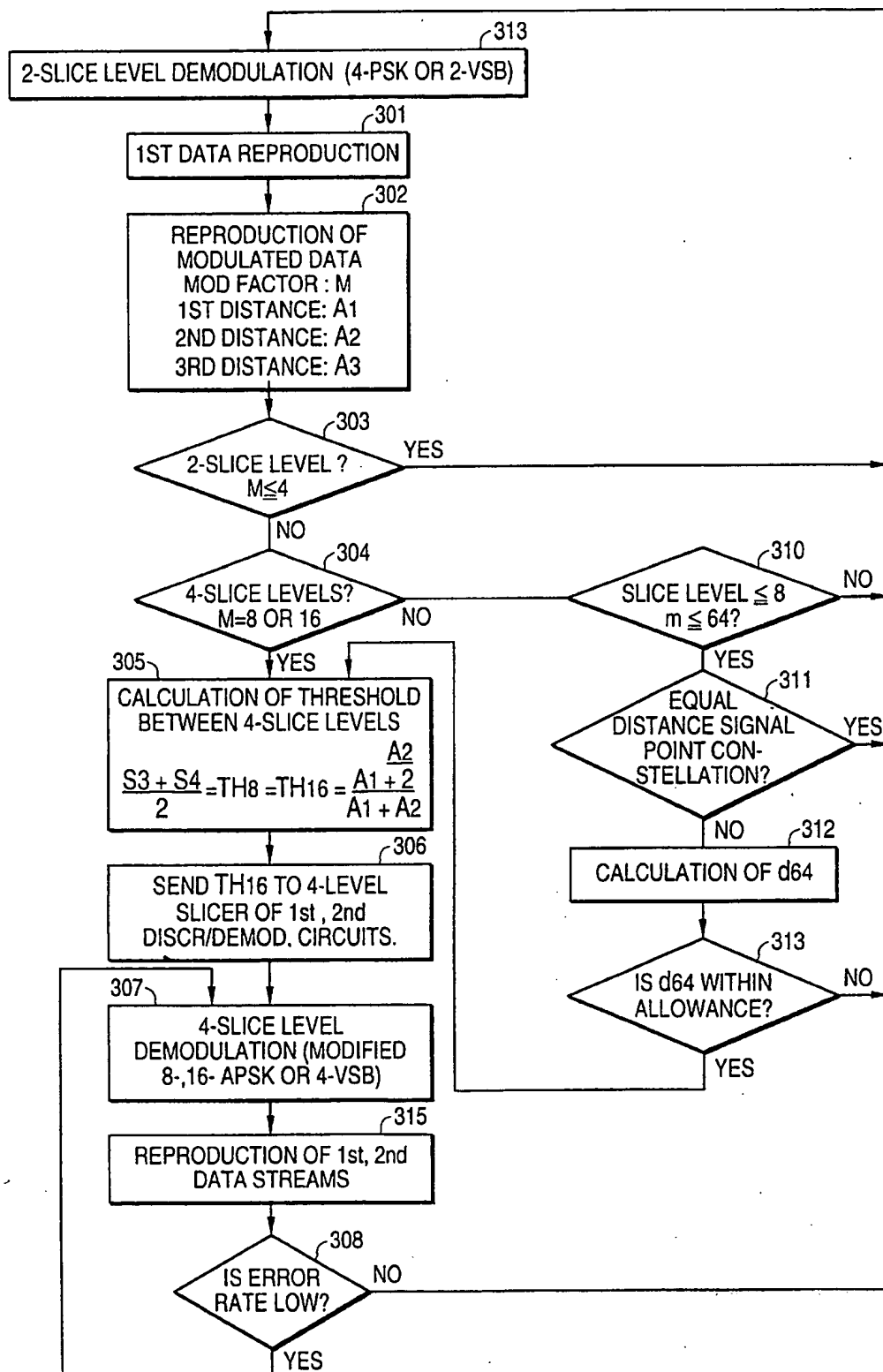


FIG. 25(a)

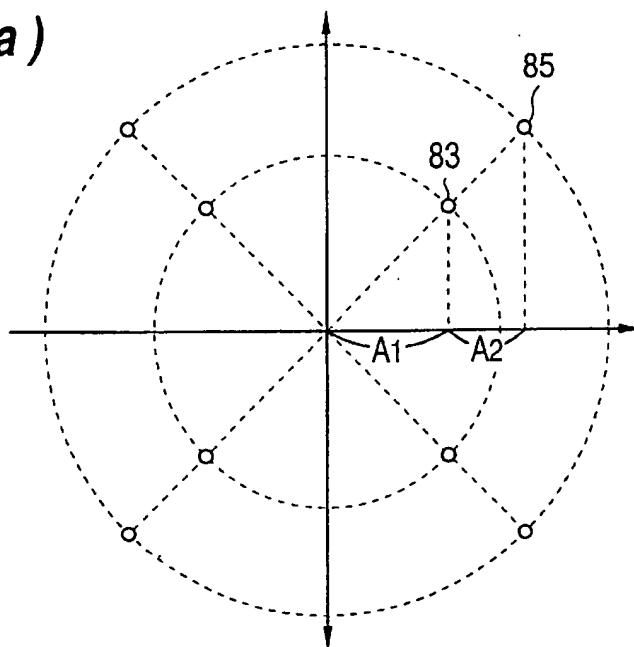
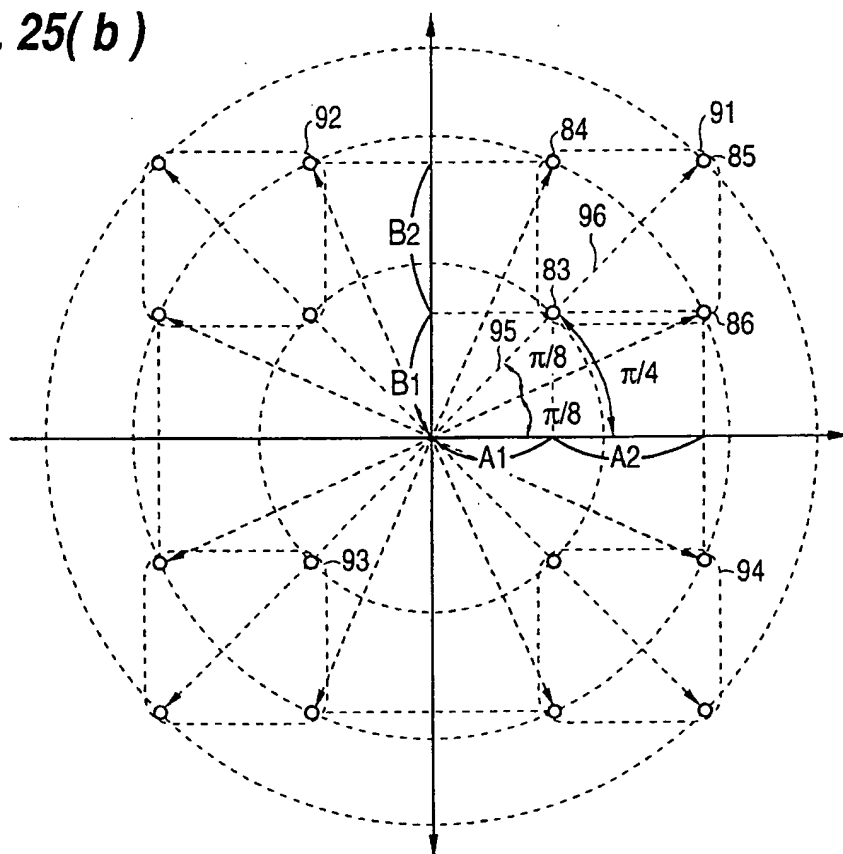


FIG. 25(b)



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FIG. 26

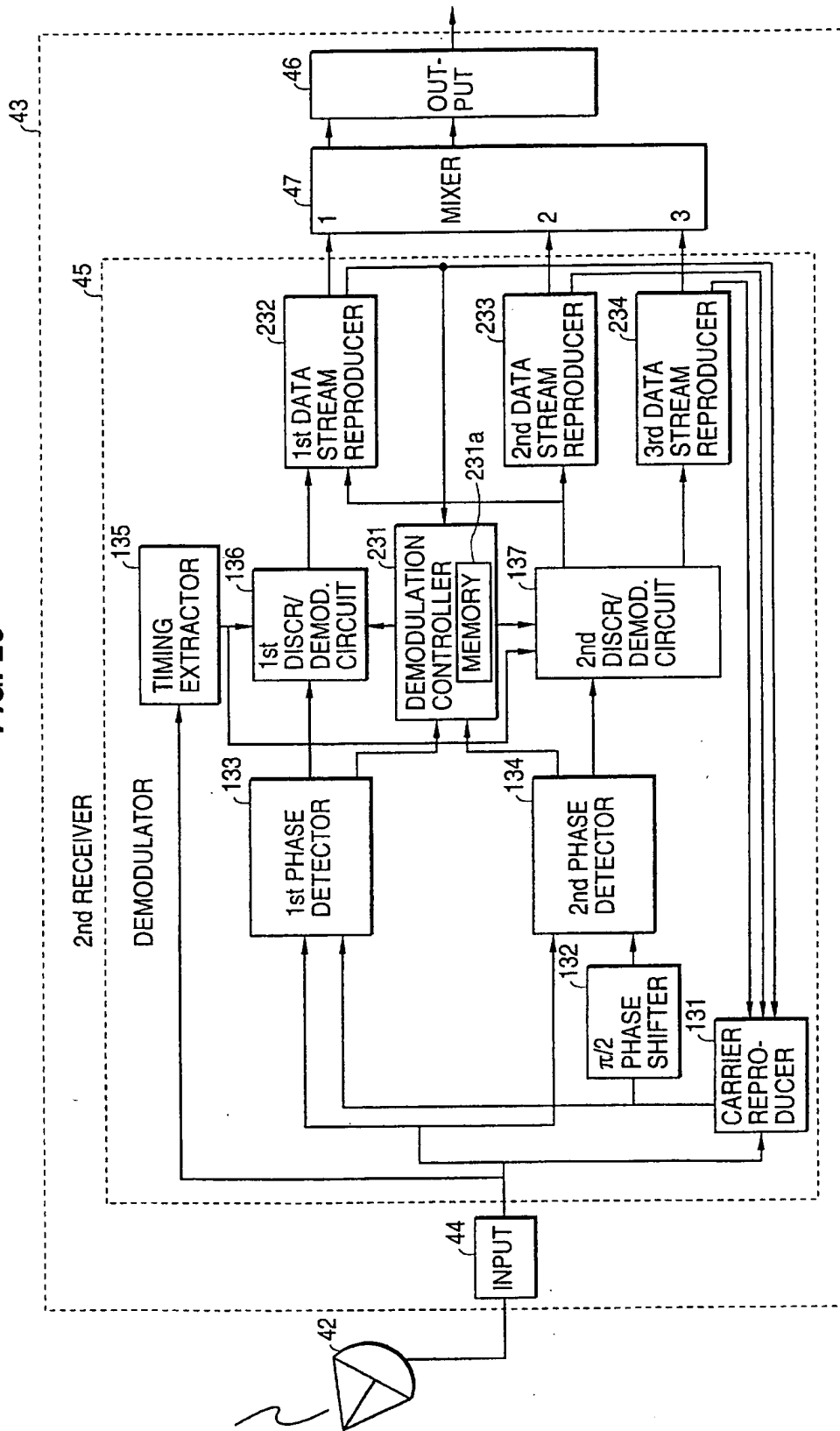


FIG. 27

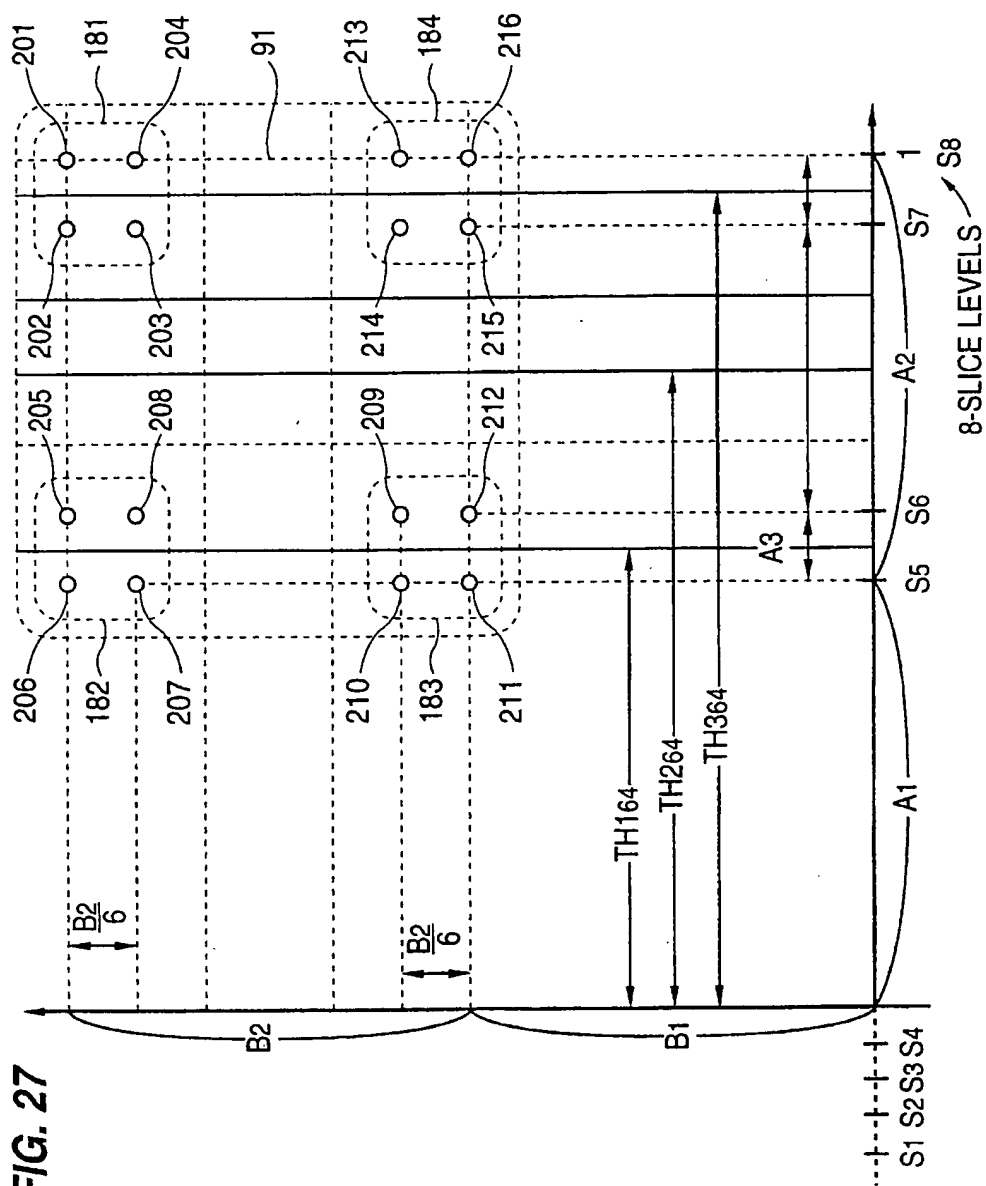
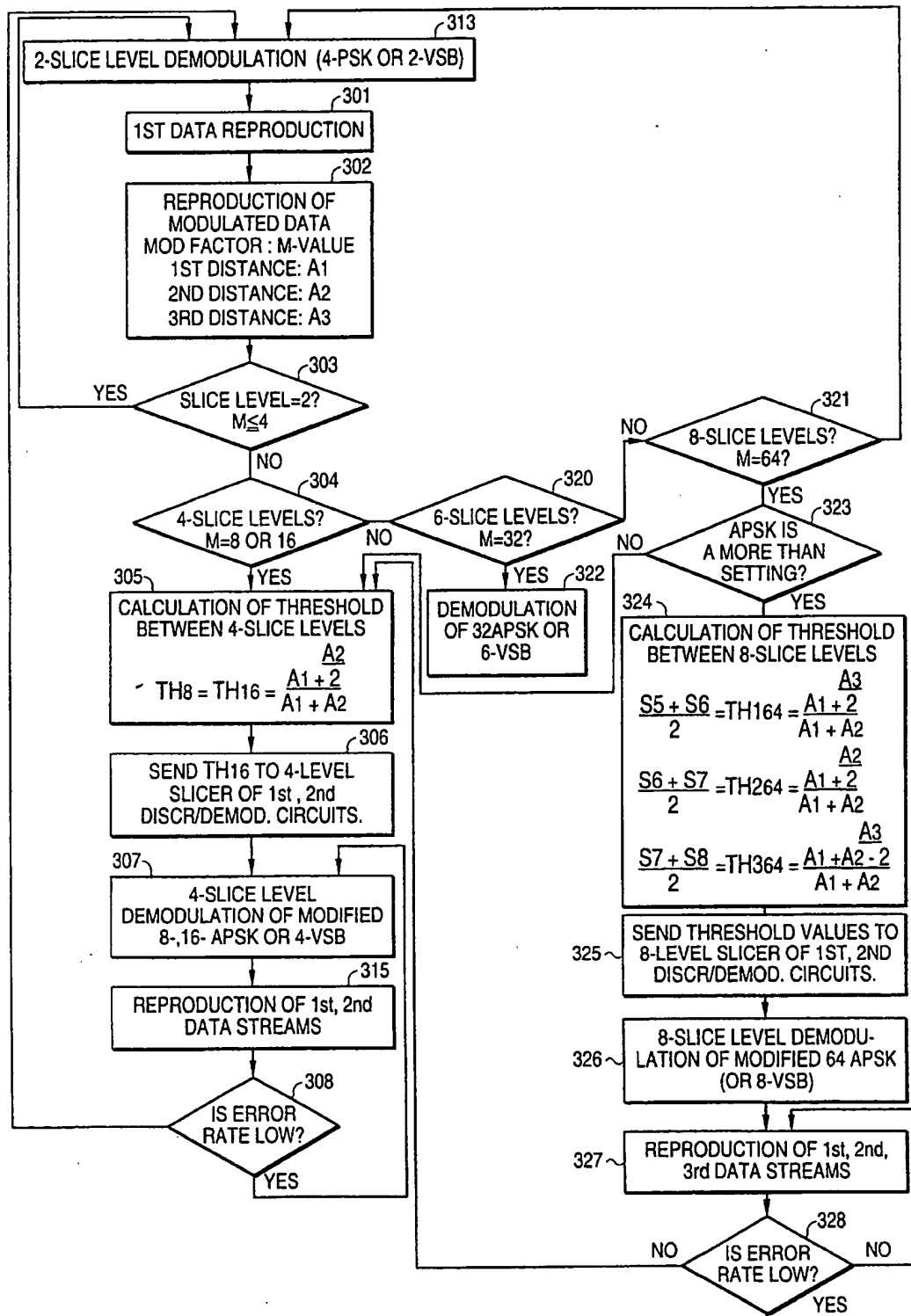


FIG. 28



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FIG. 29

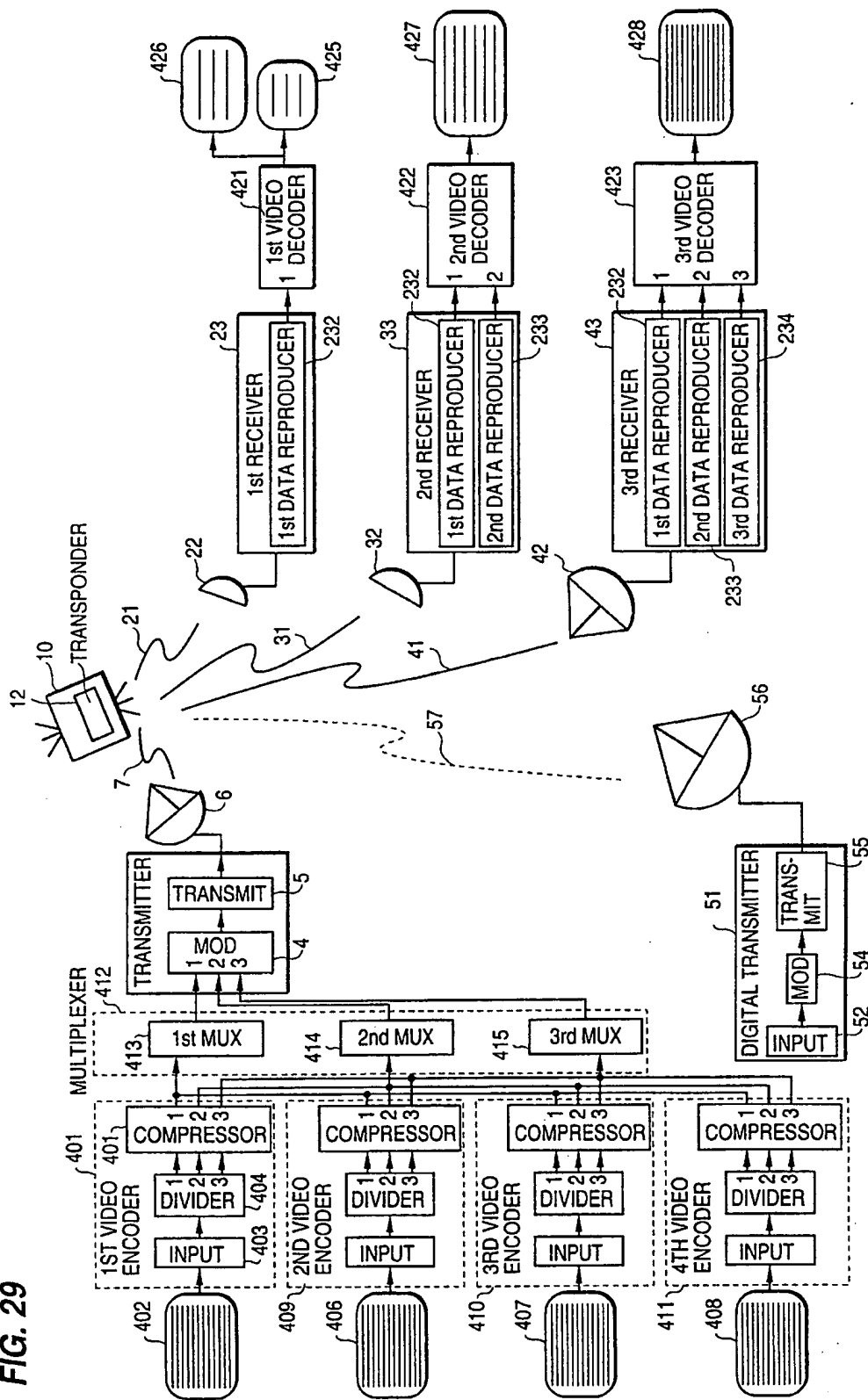
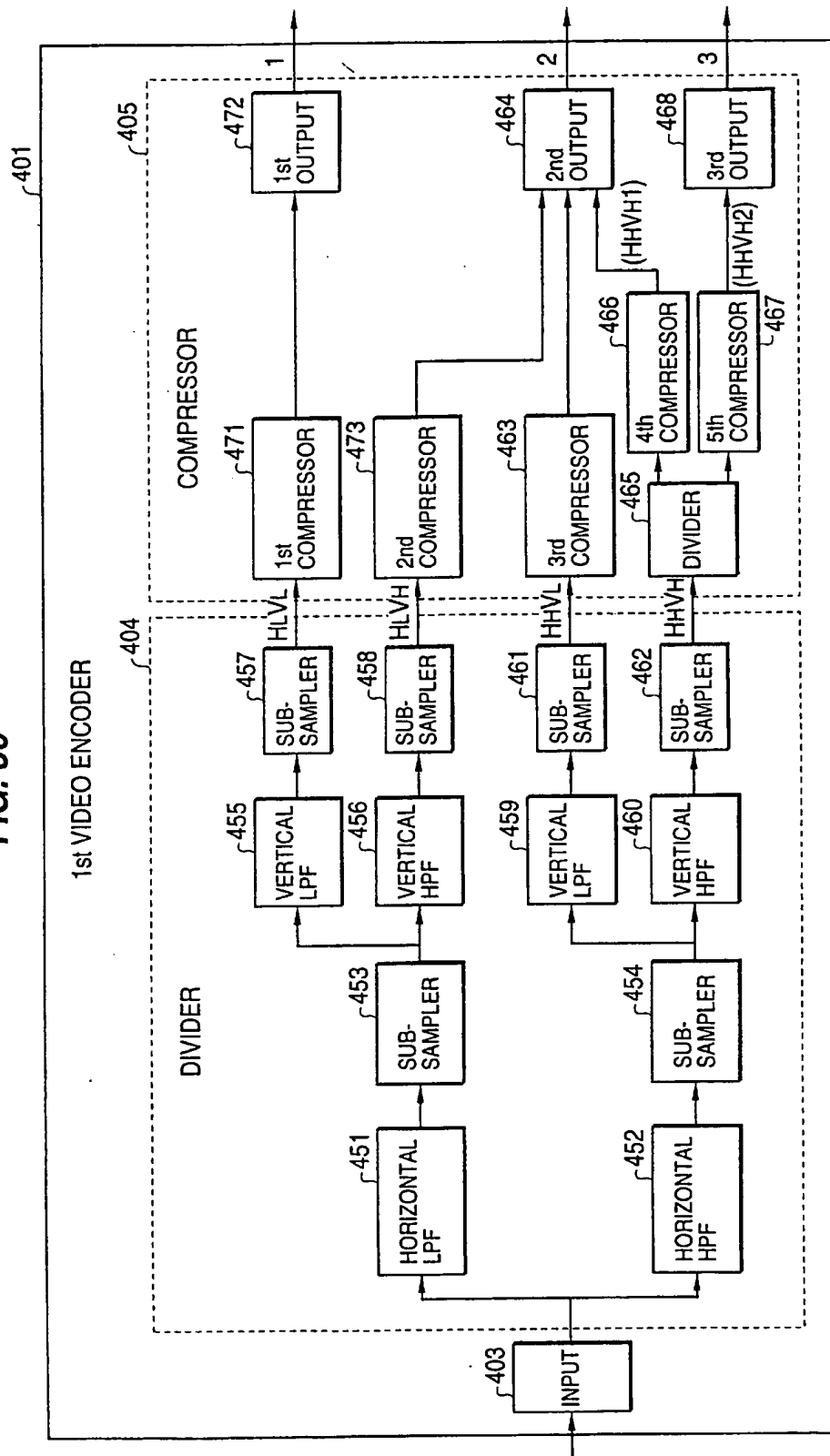
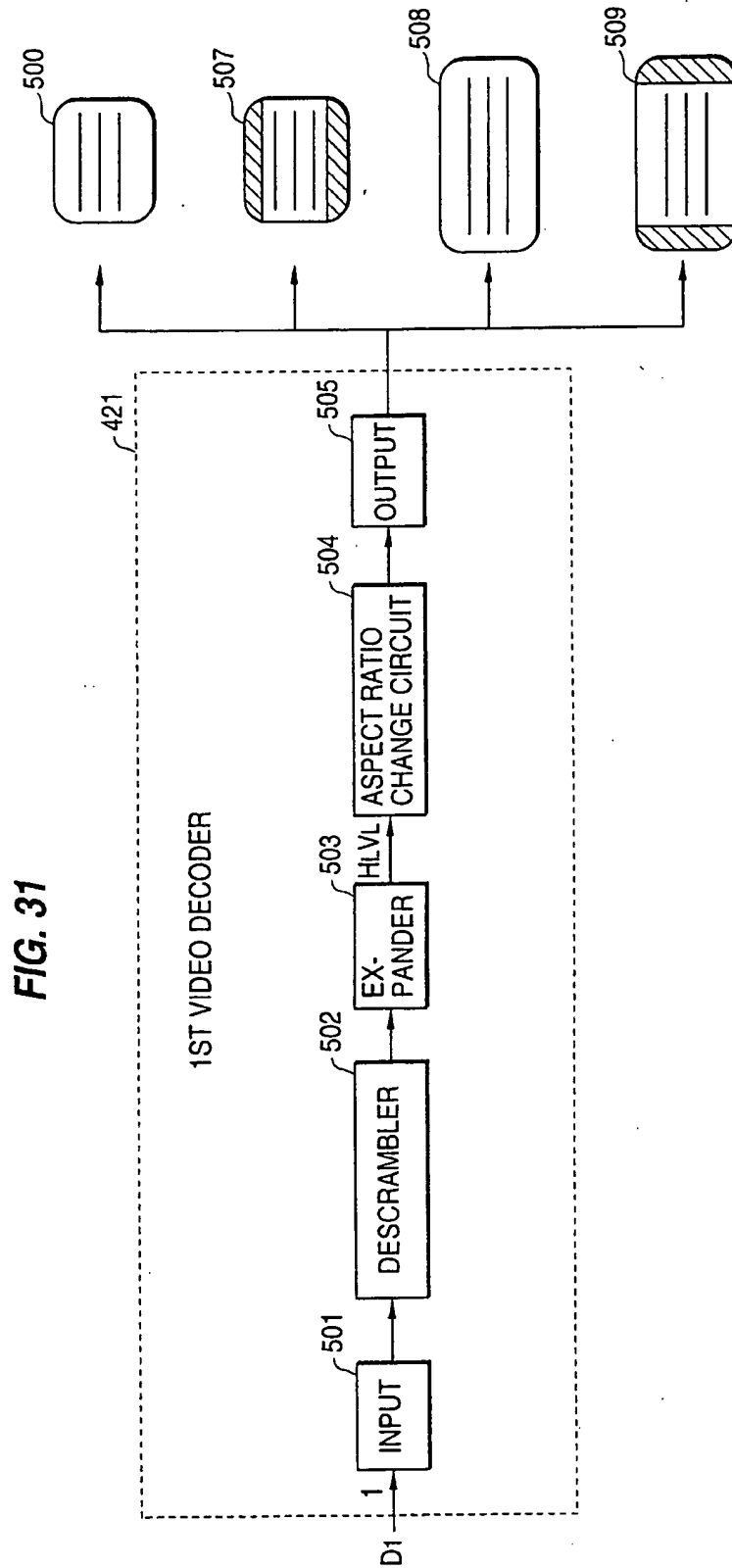


FIG. 30





654020-2804260

FIG. 32

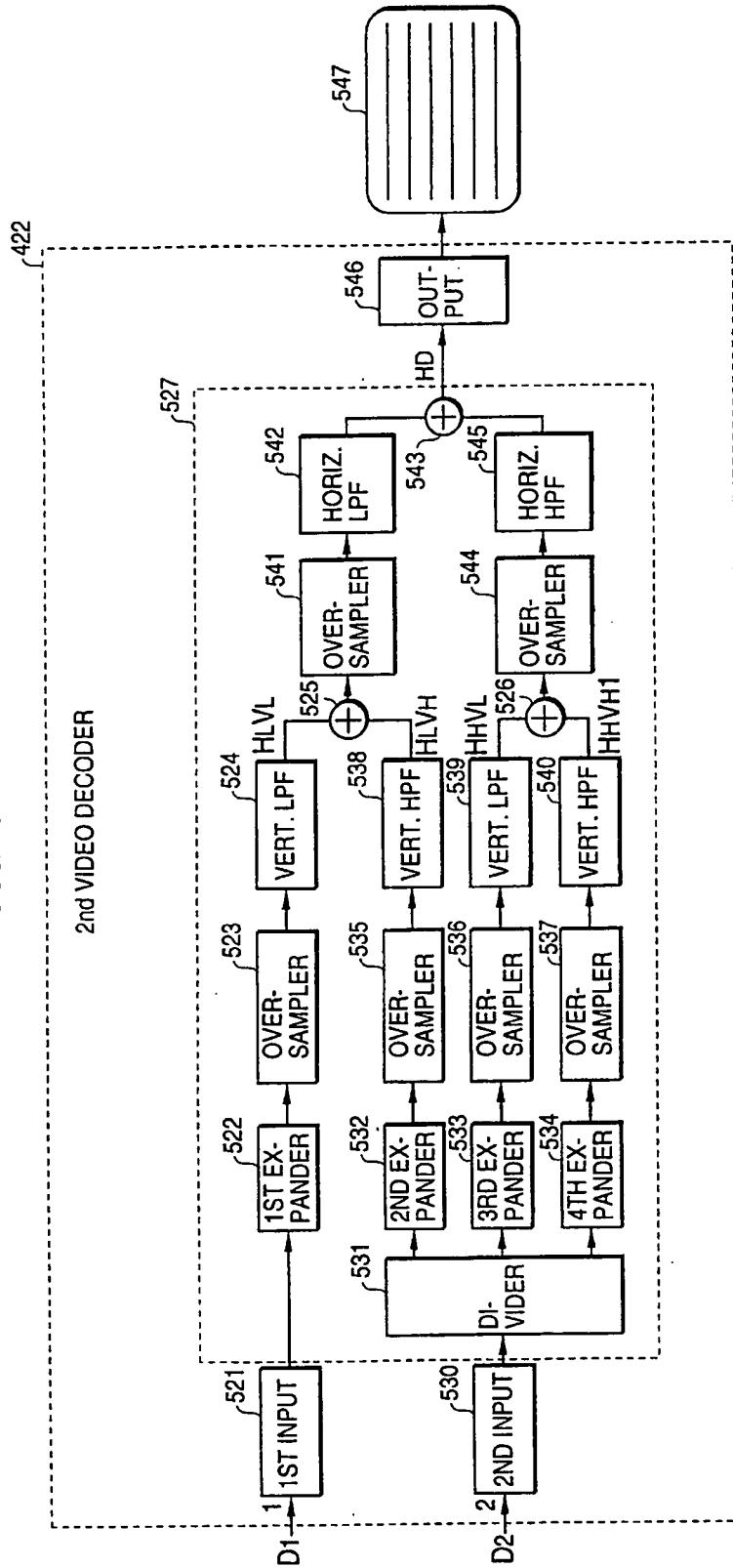


FIG. 33

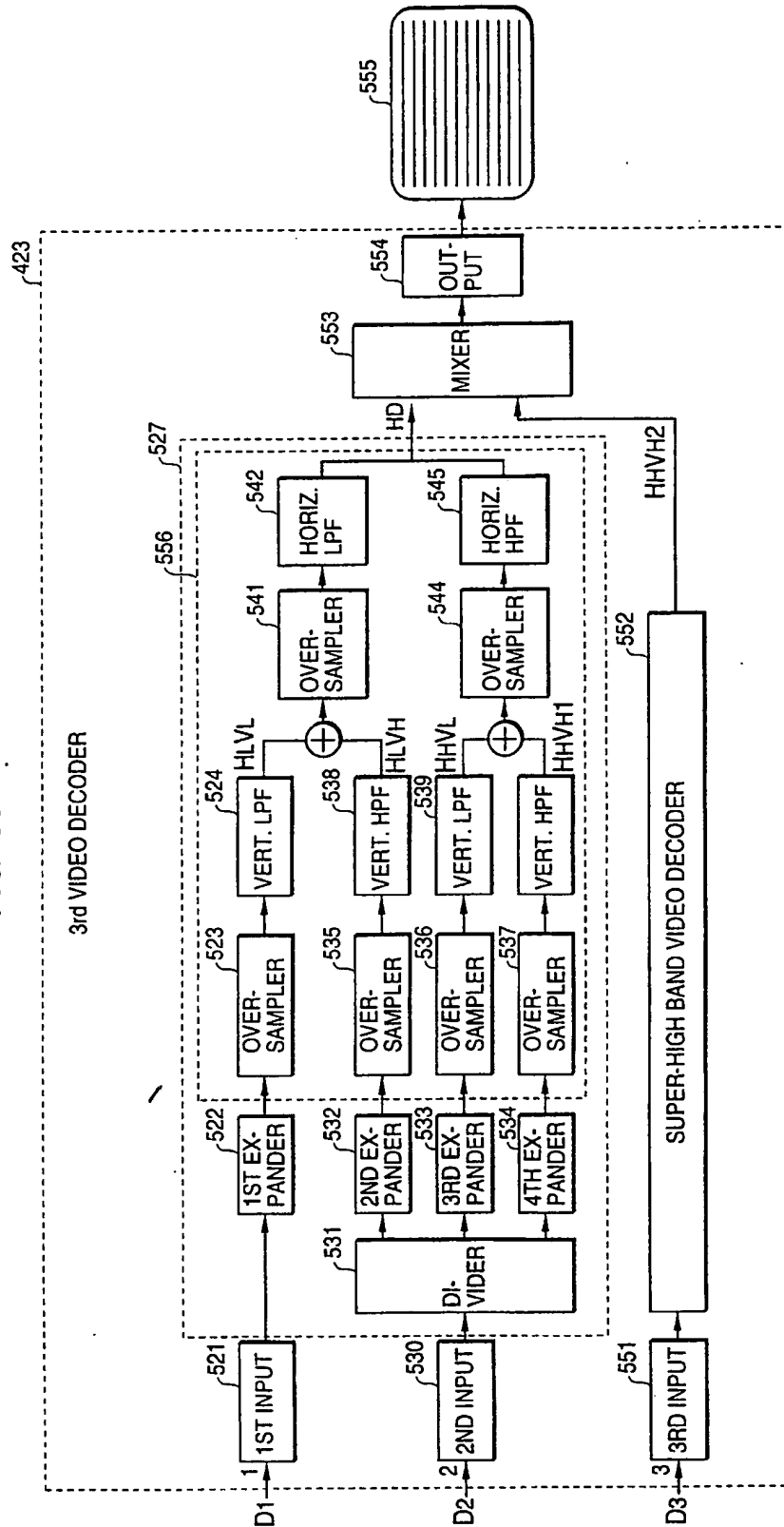


FIG. 34

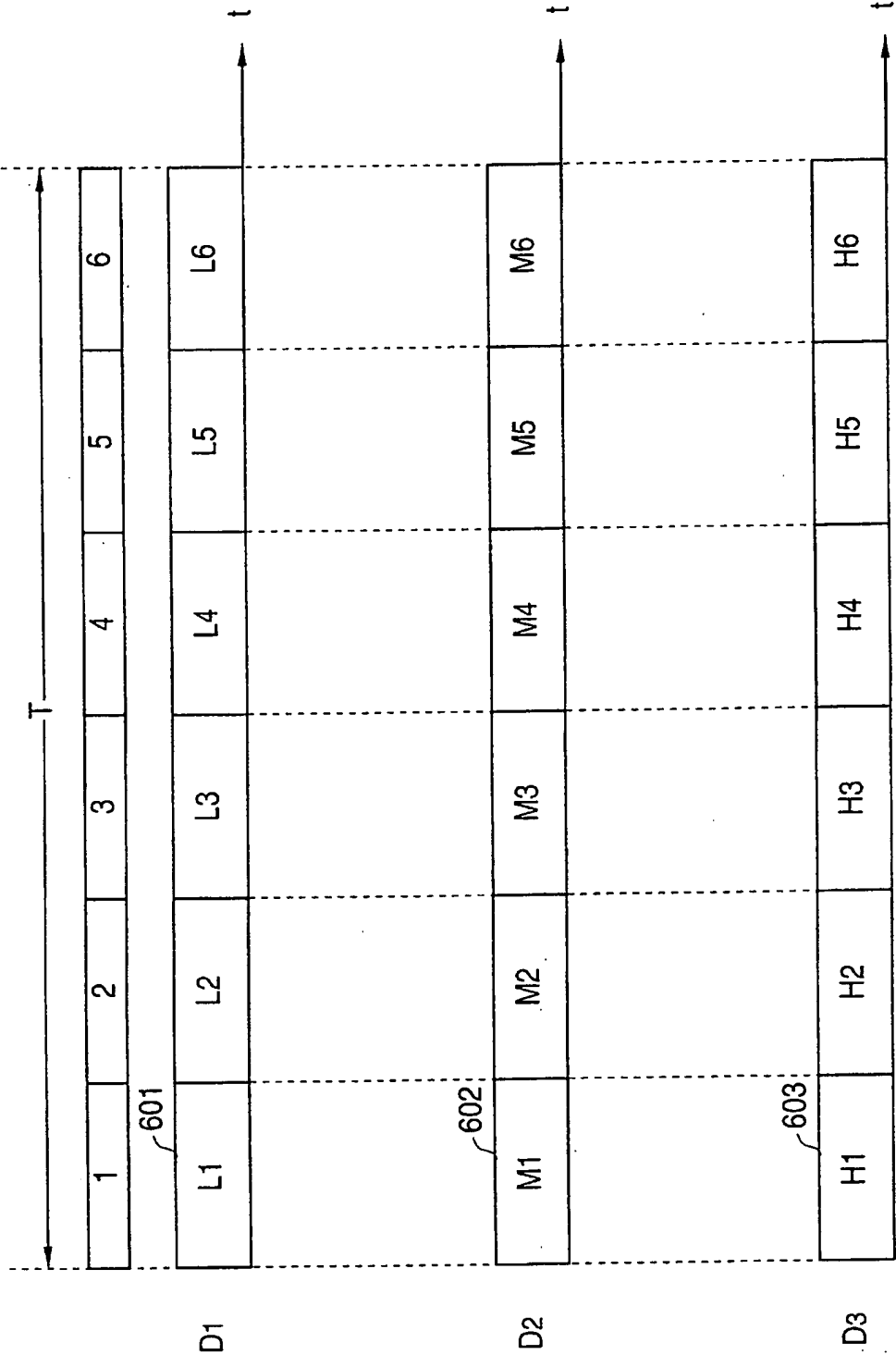


FIG. 35

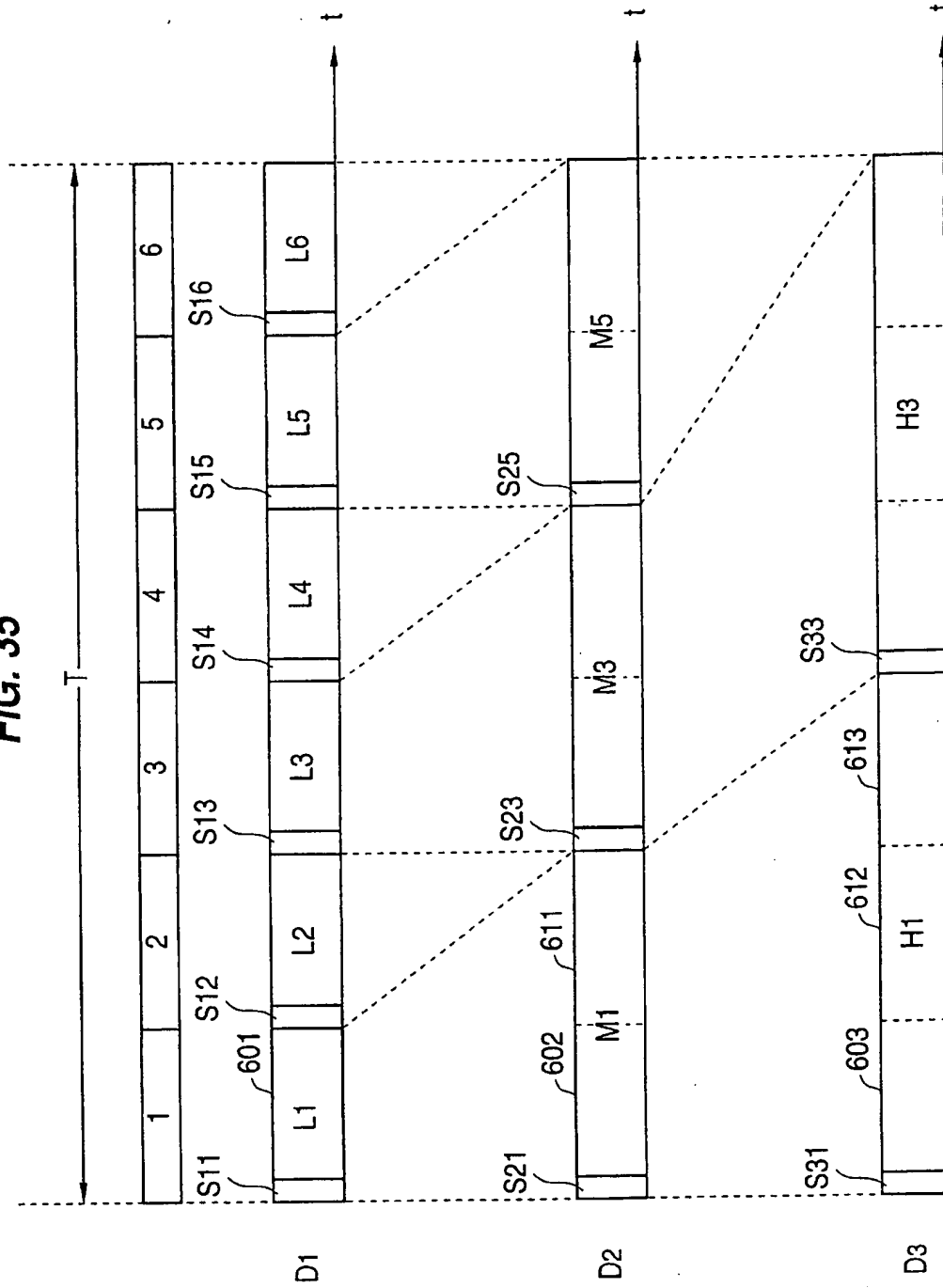


FIG. 36

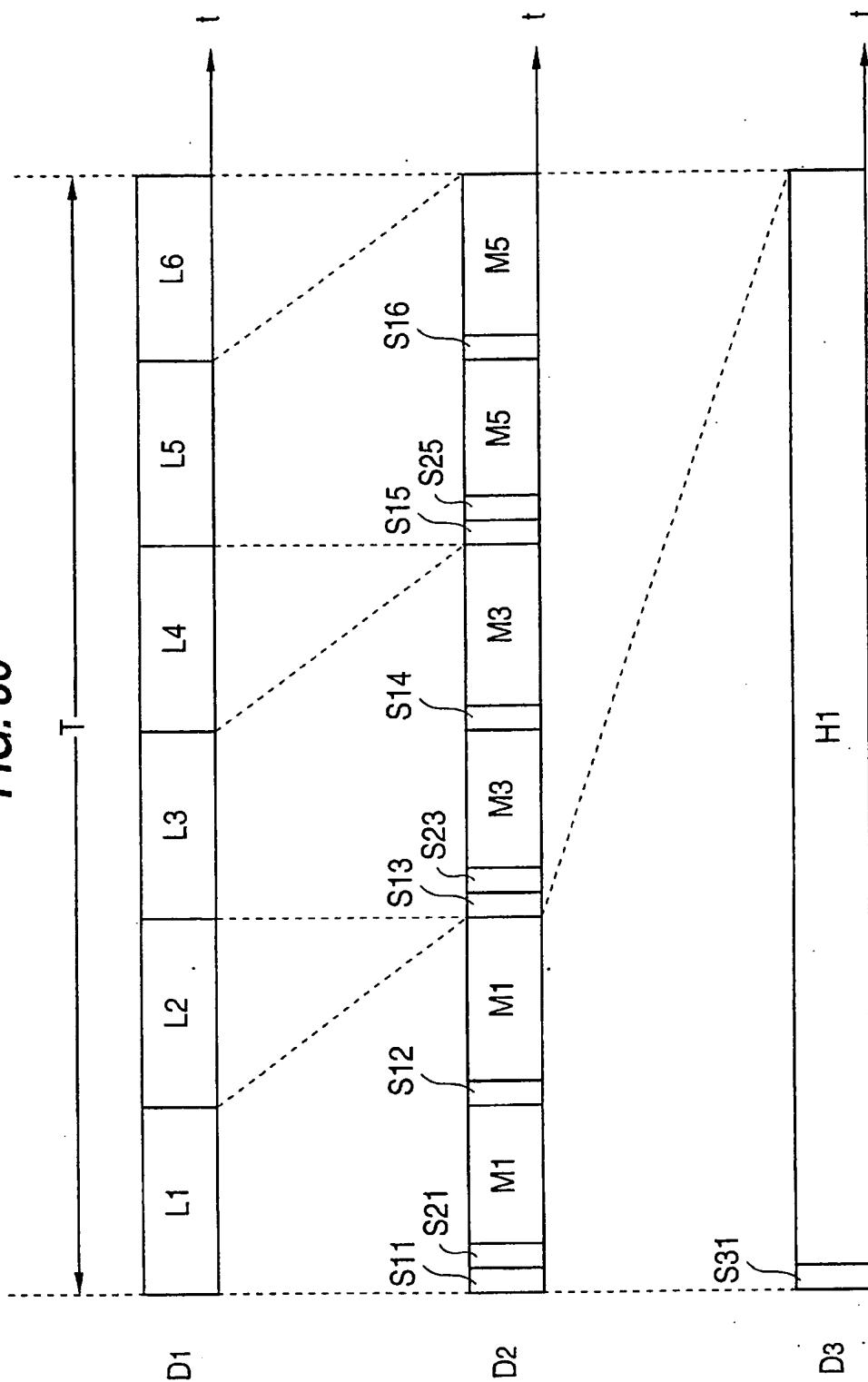


FIG. 37

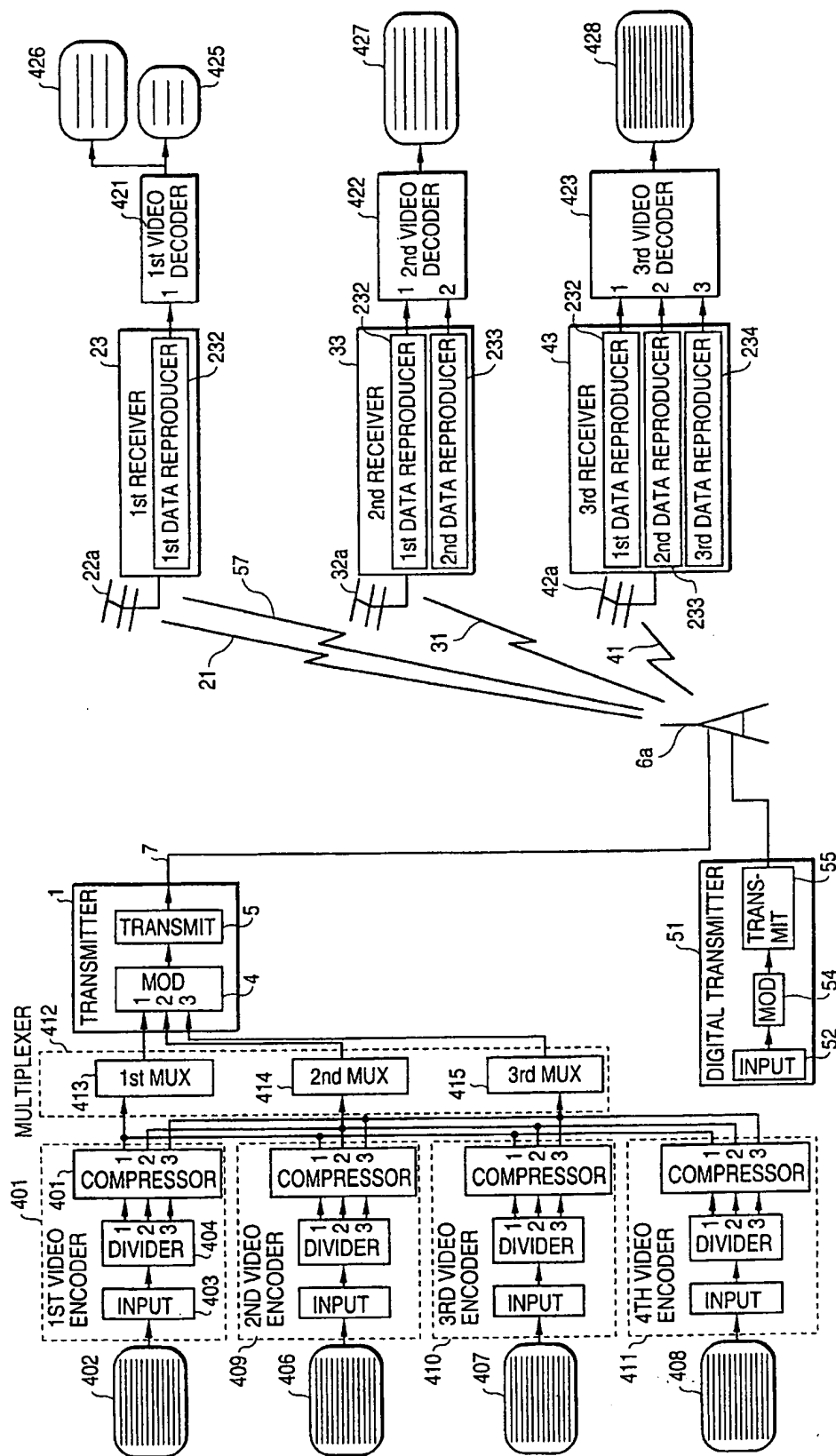


FIG. 38

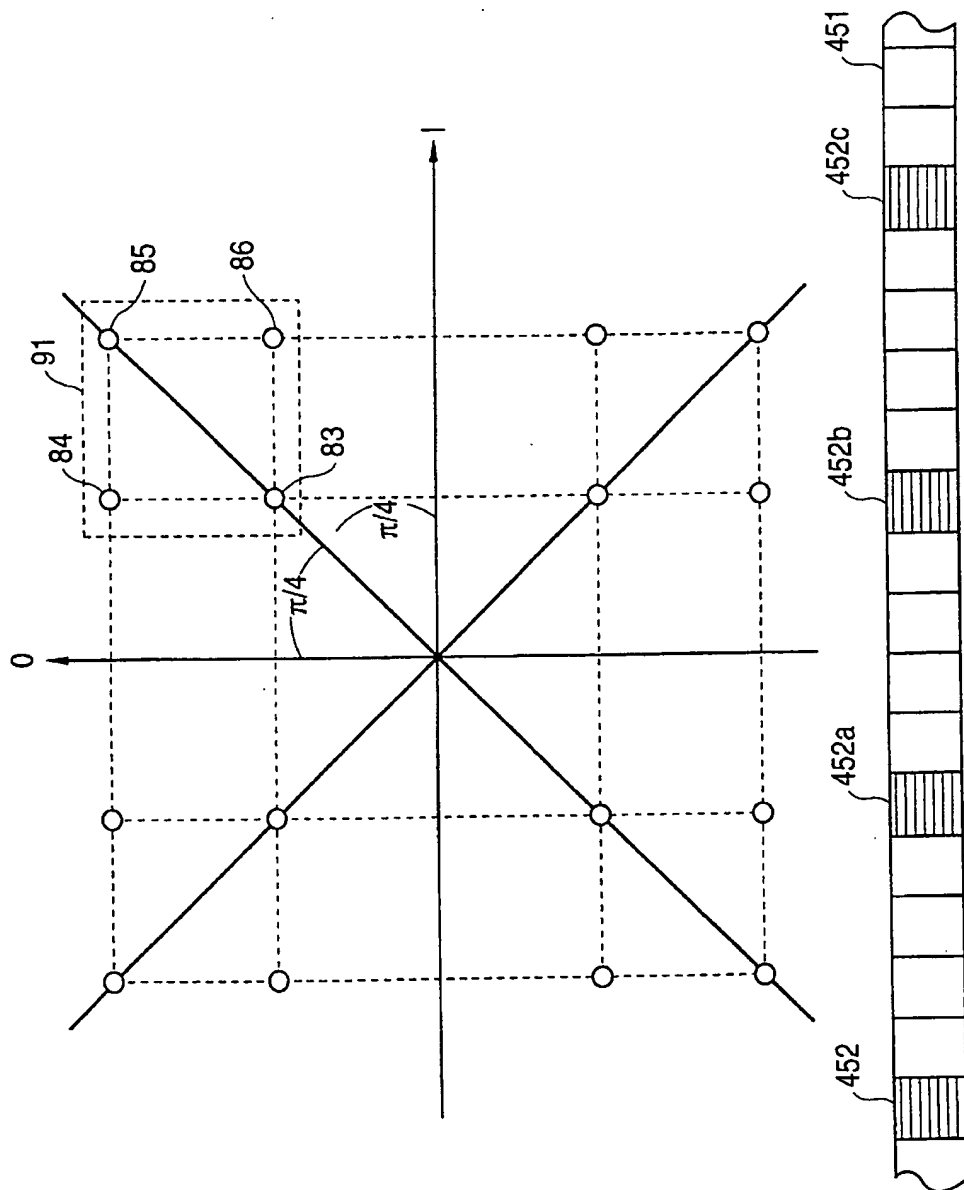


FIG. 39

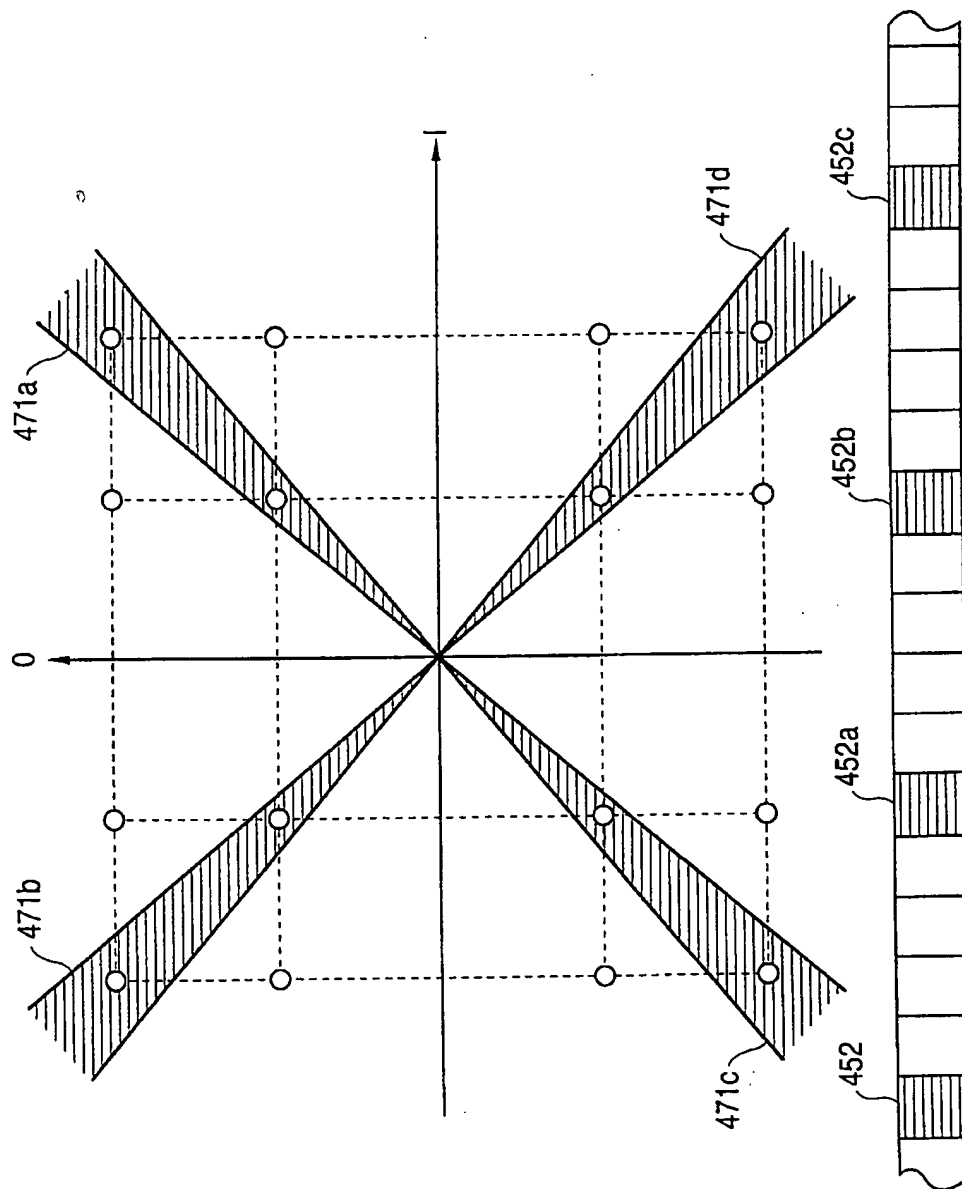
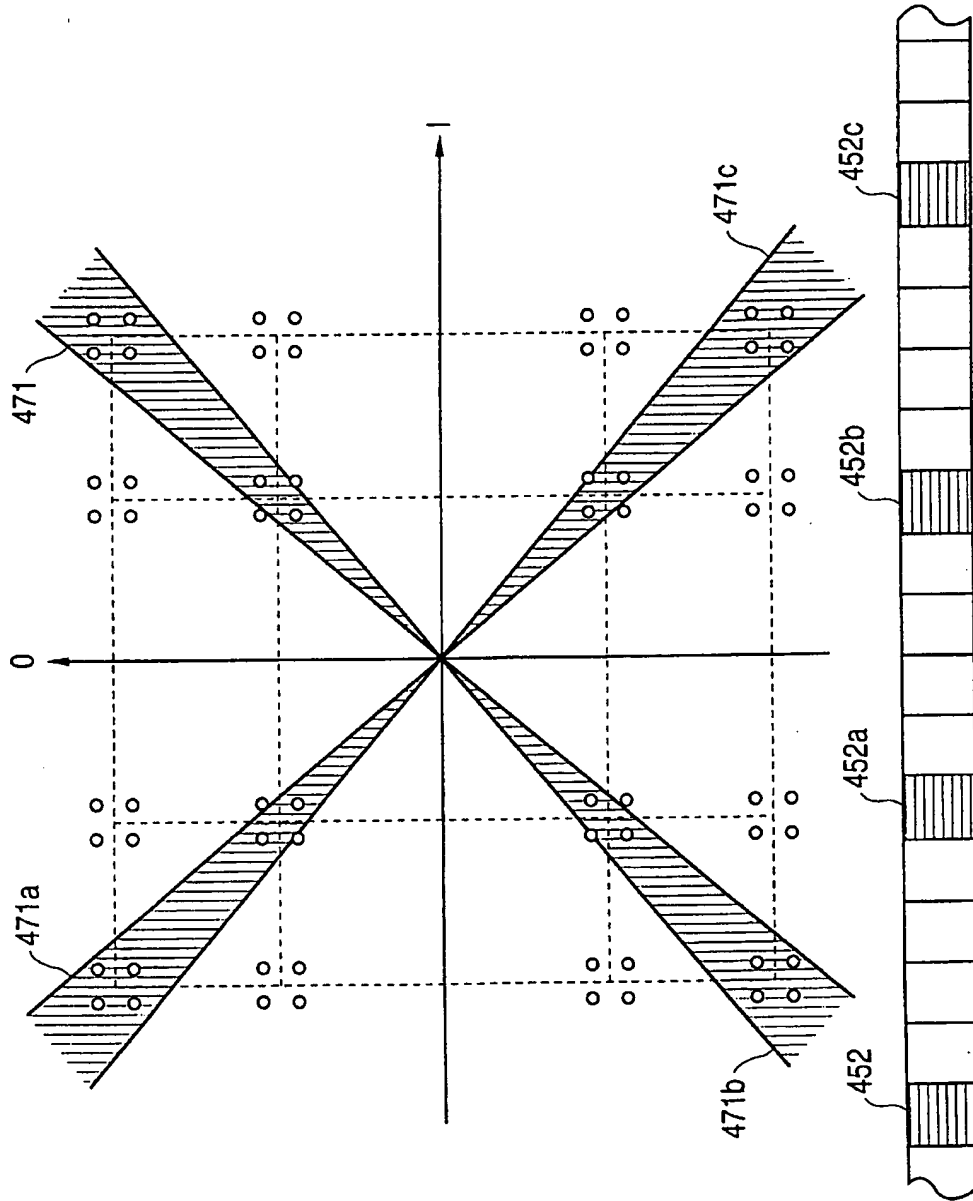


FIG. 40



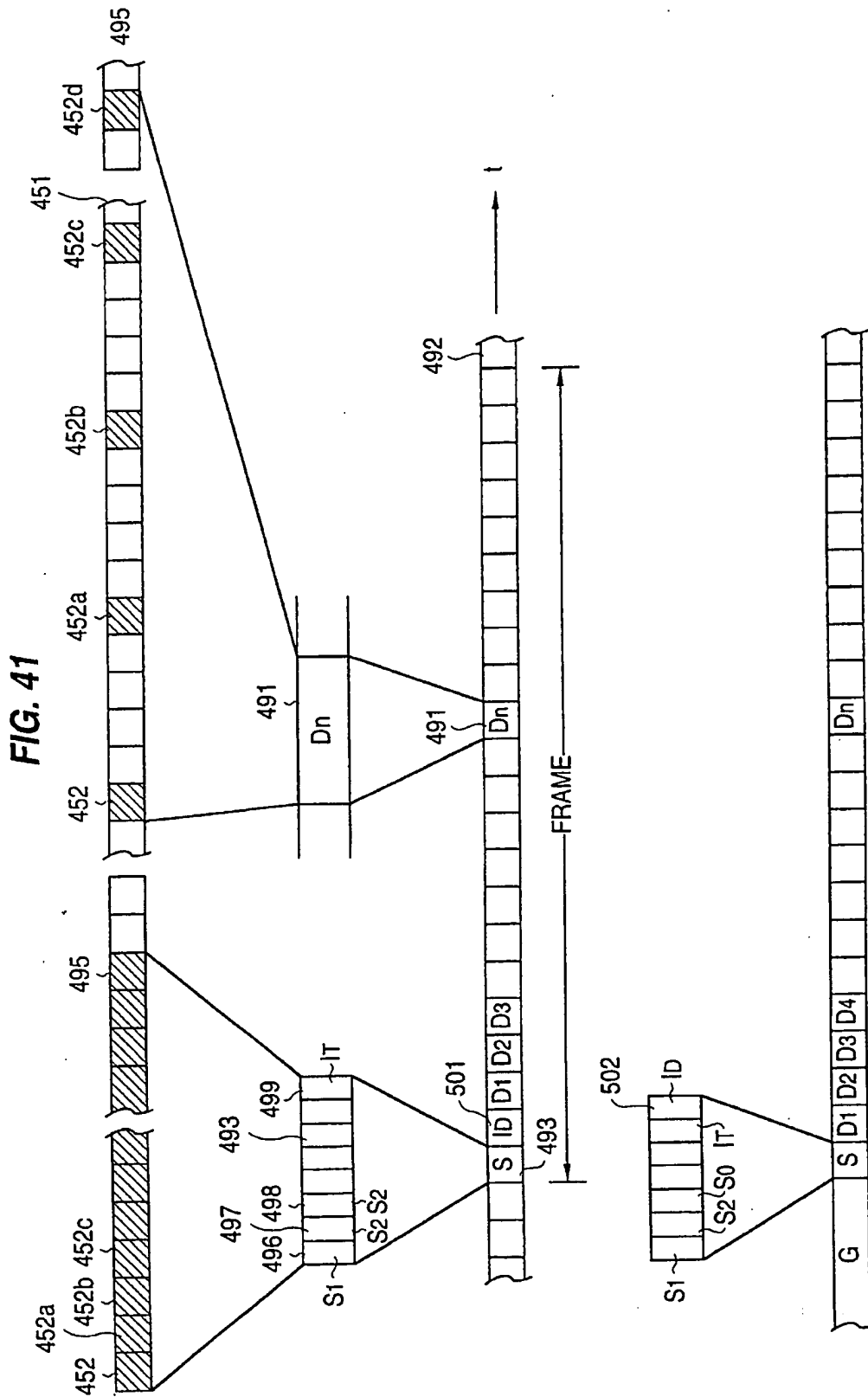


FIG. 42

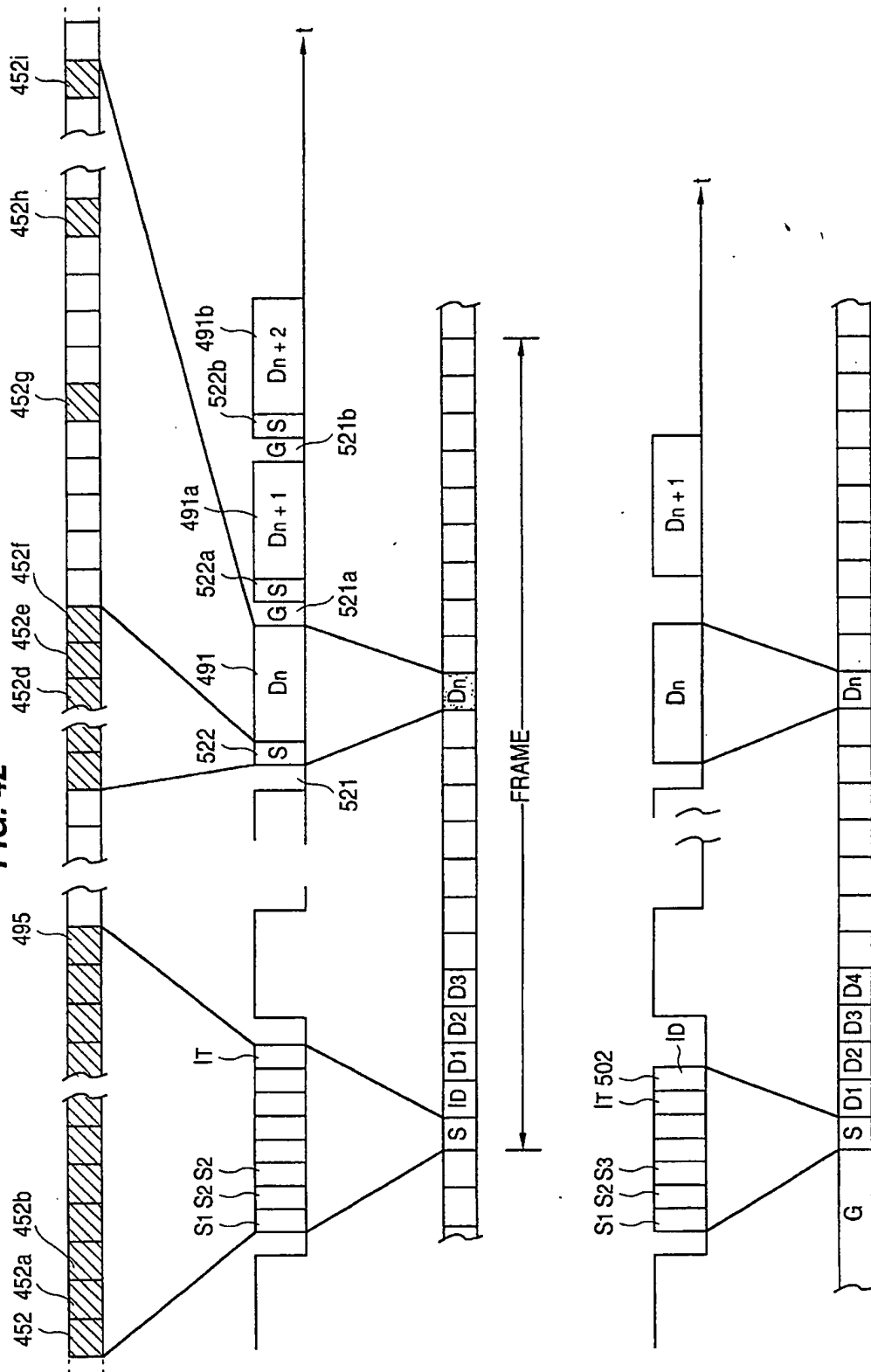


FIG. 43

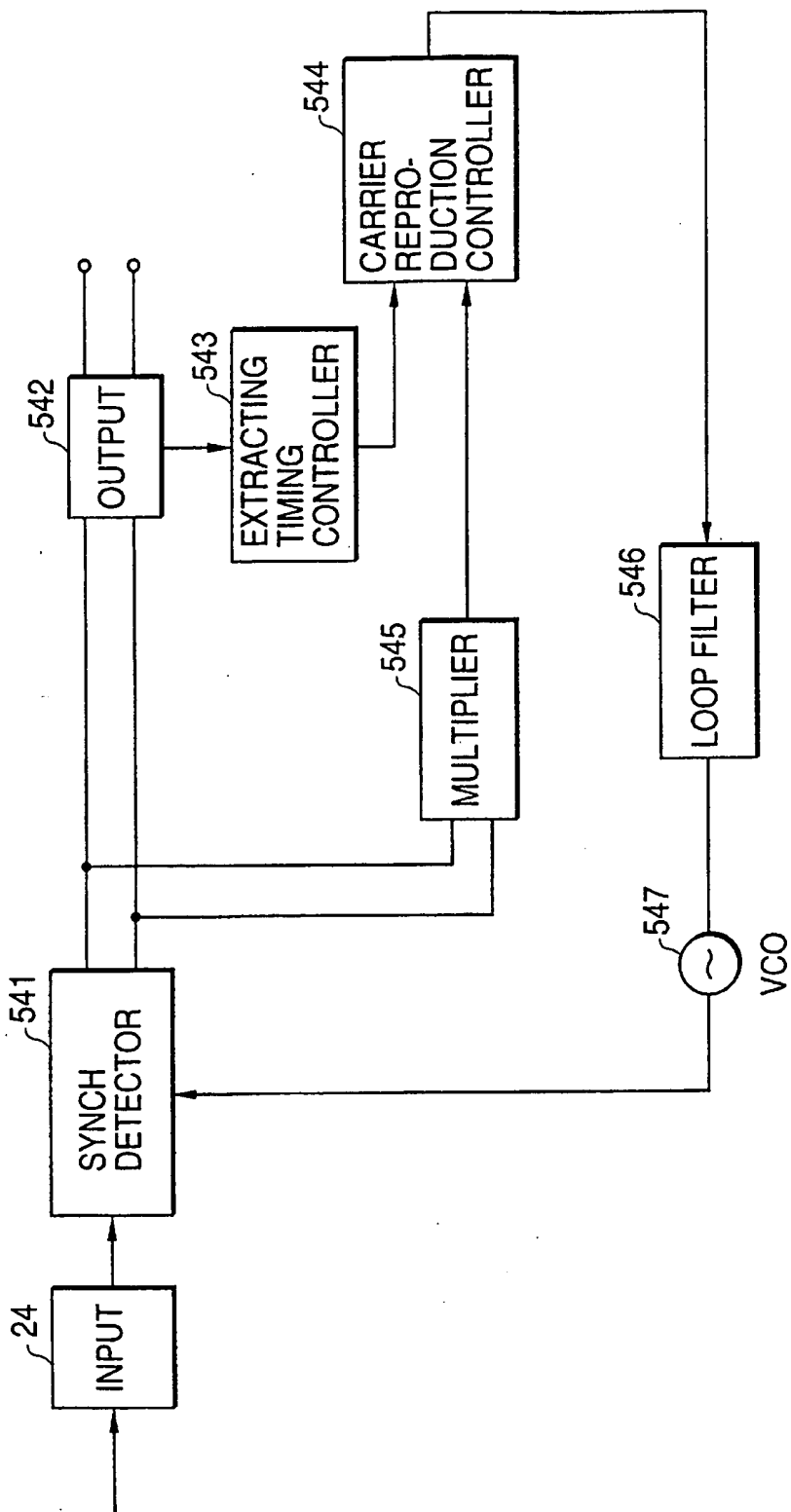


FIG. 44

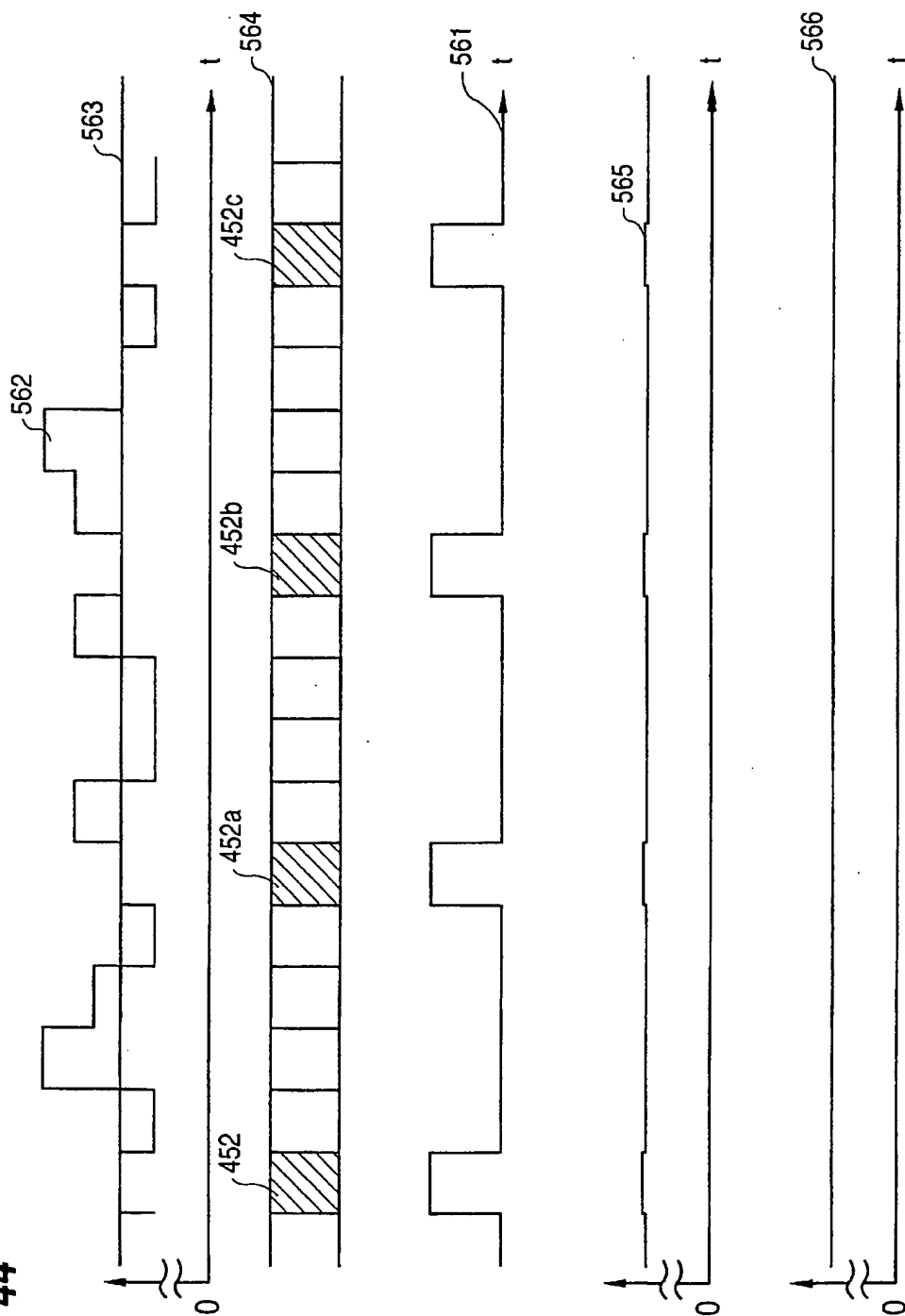


FIG. 45

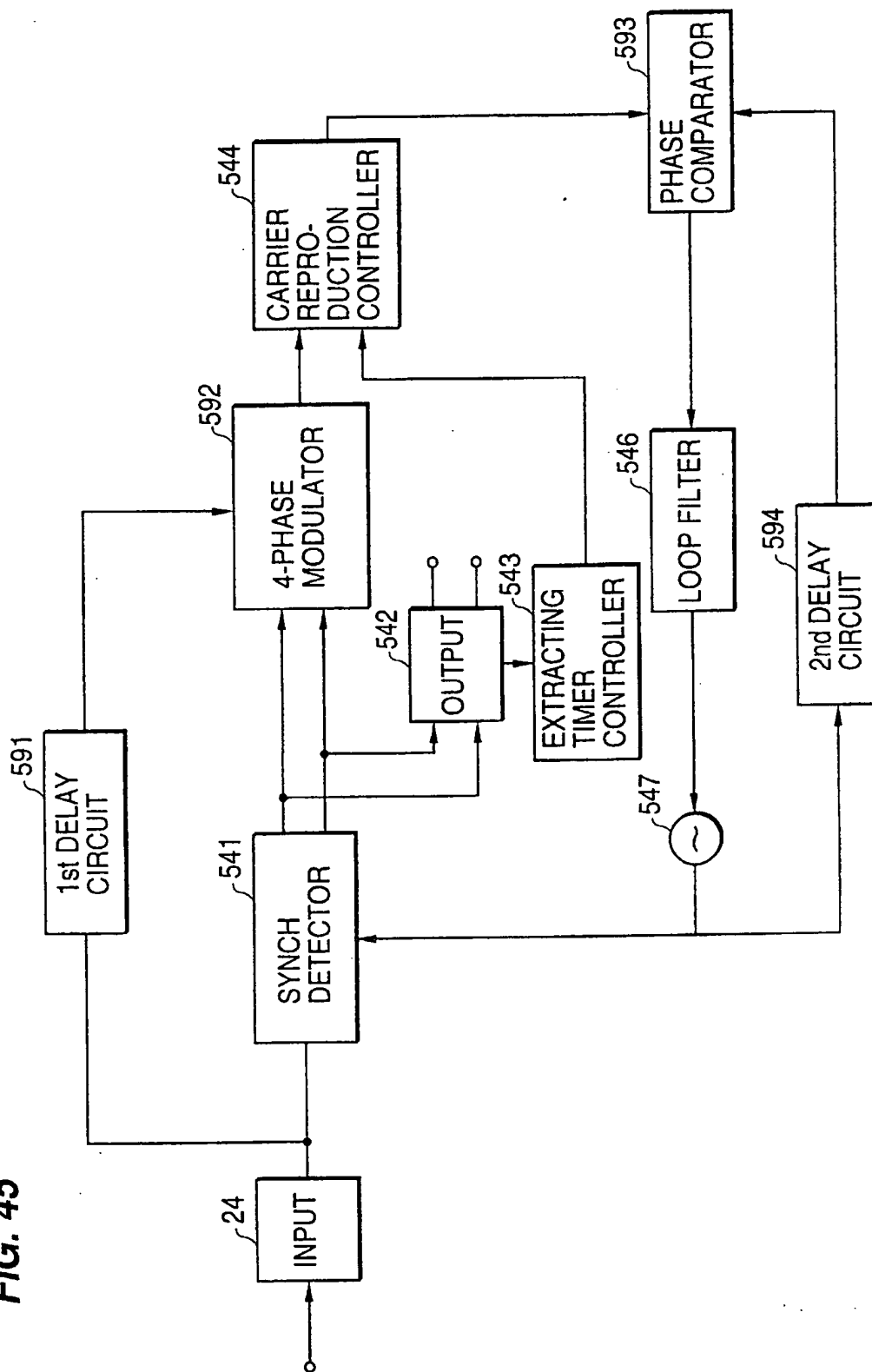


FIG. 46

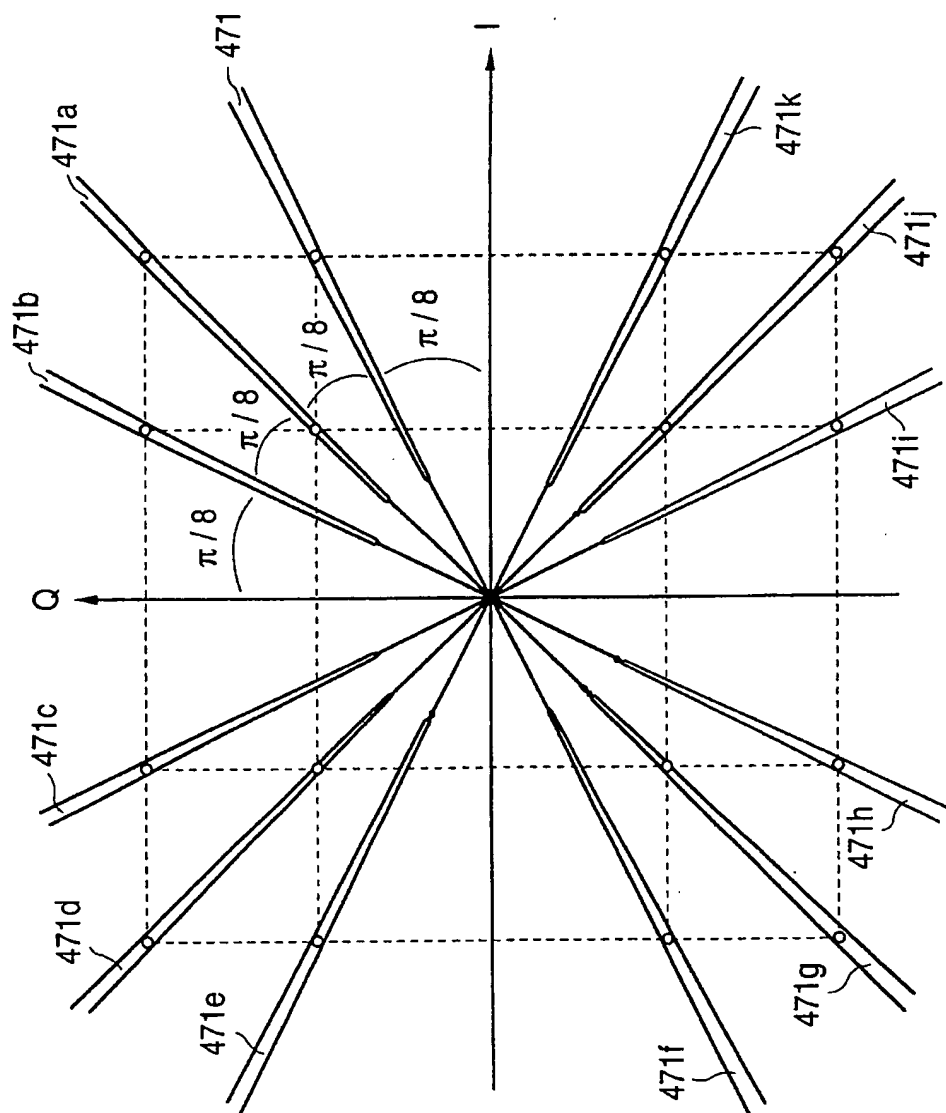


FIG. 47

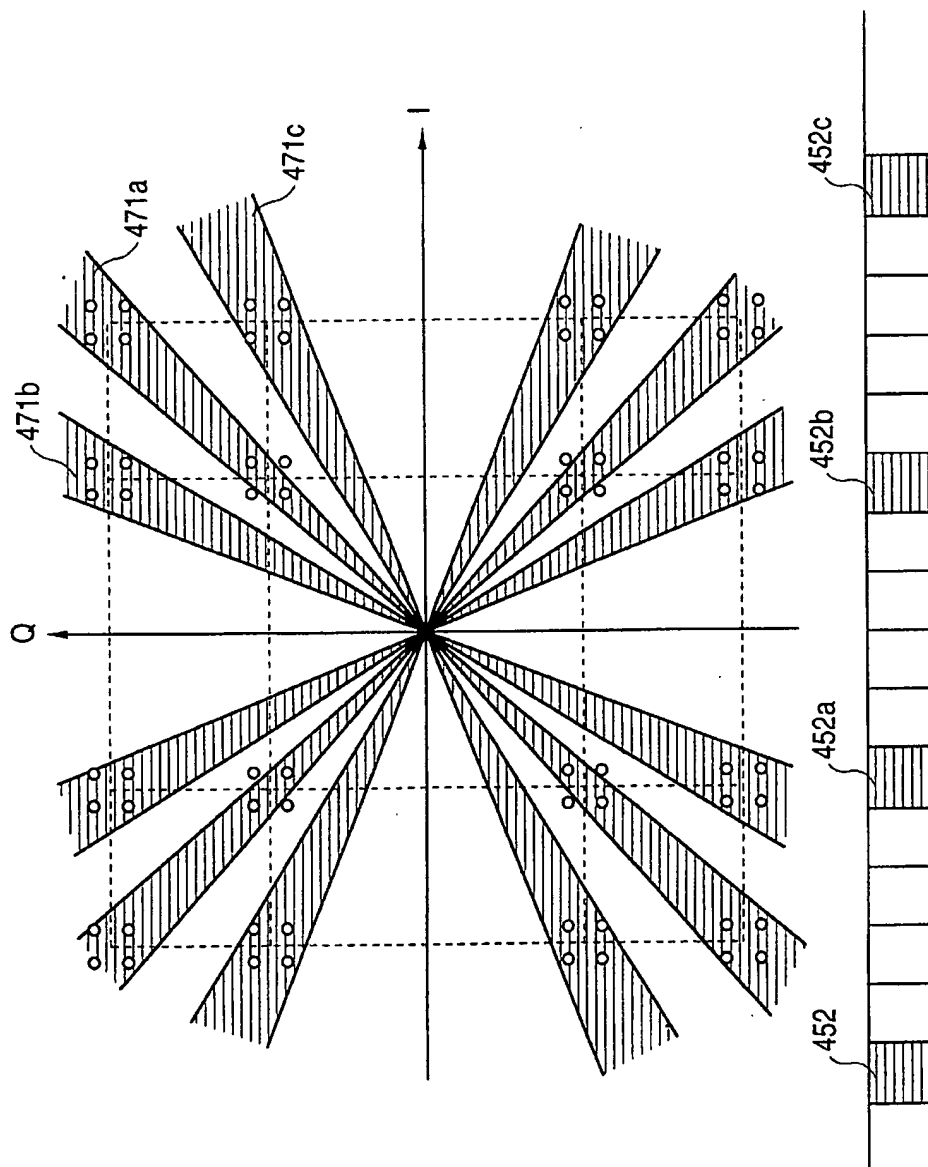


FIG. 48

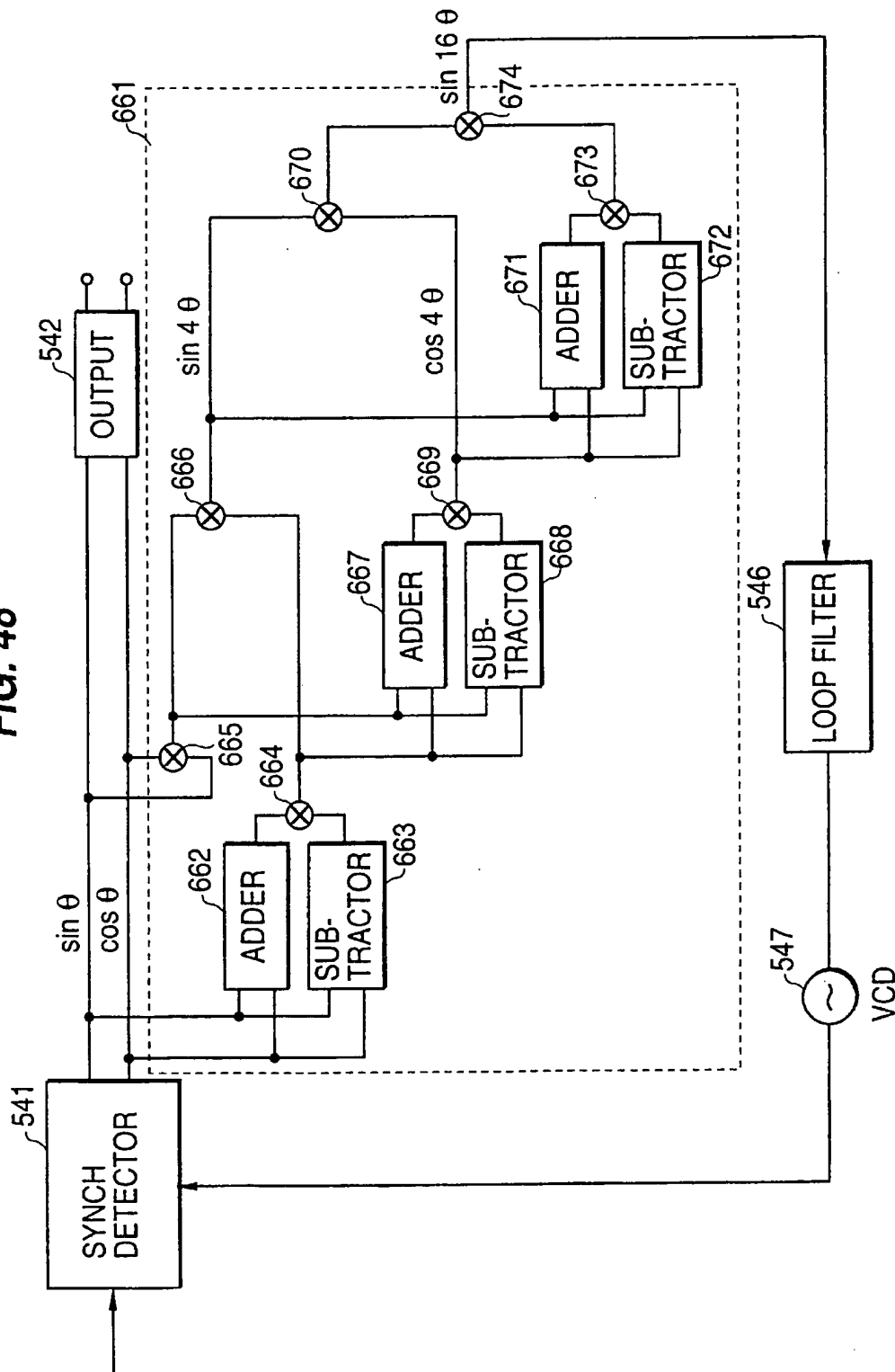


FIG. 49

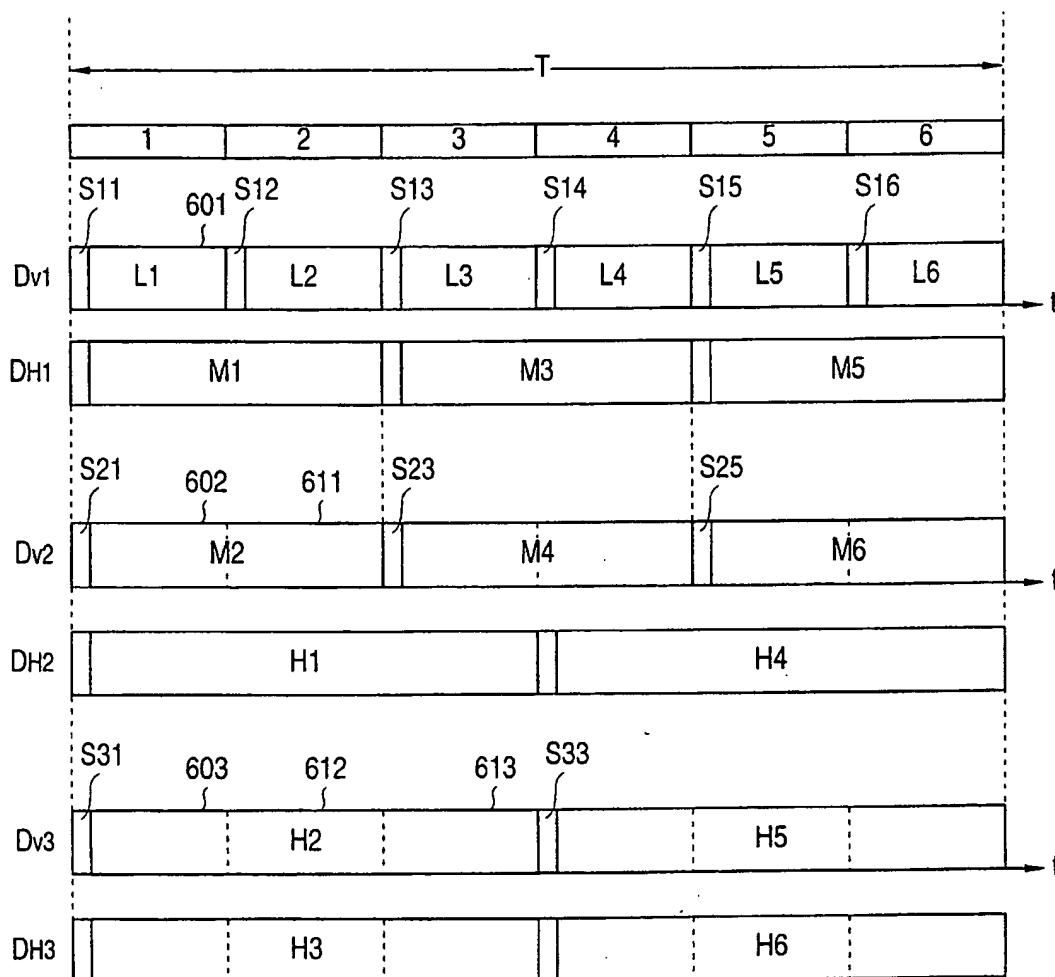


FIG. 50

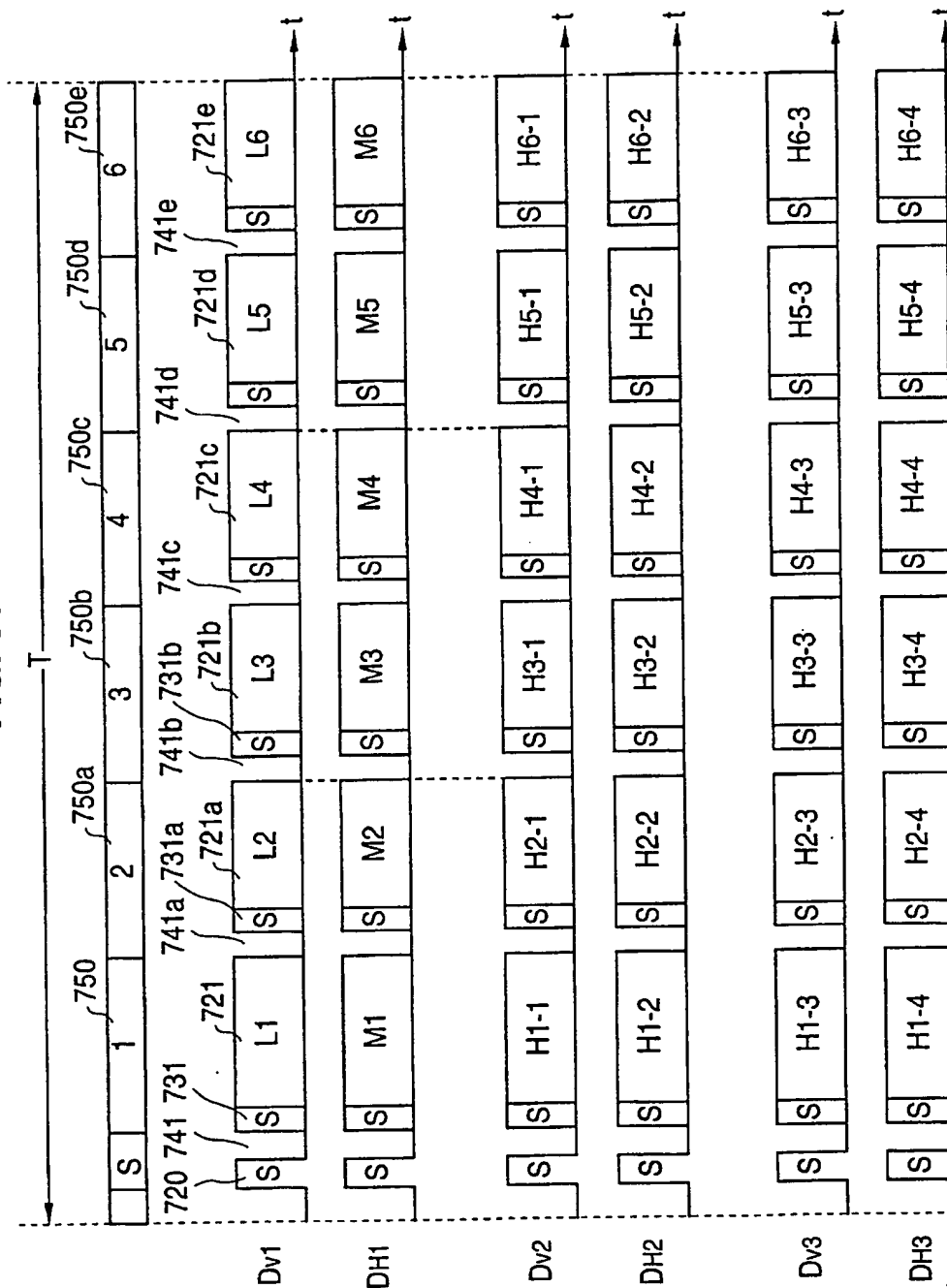


FIG. 51

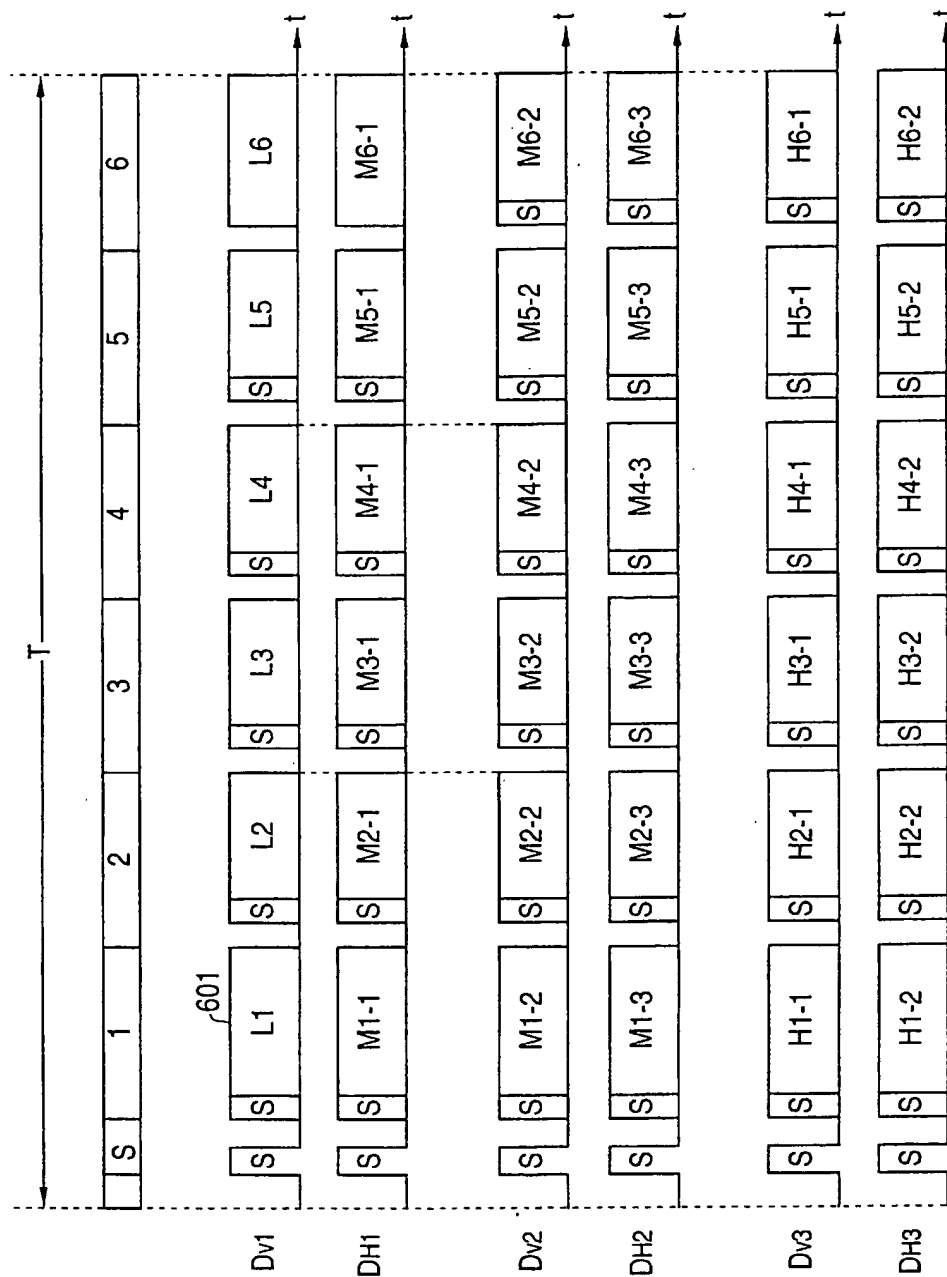
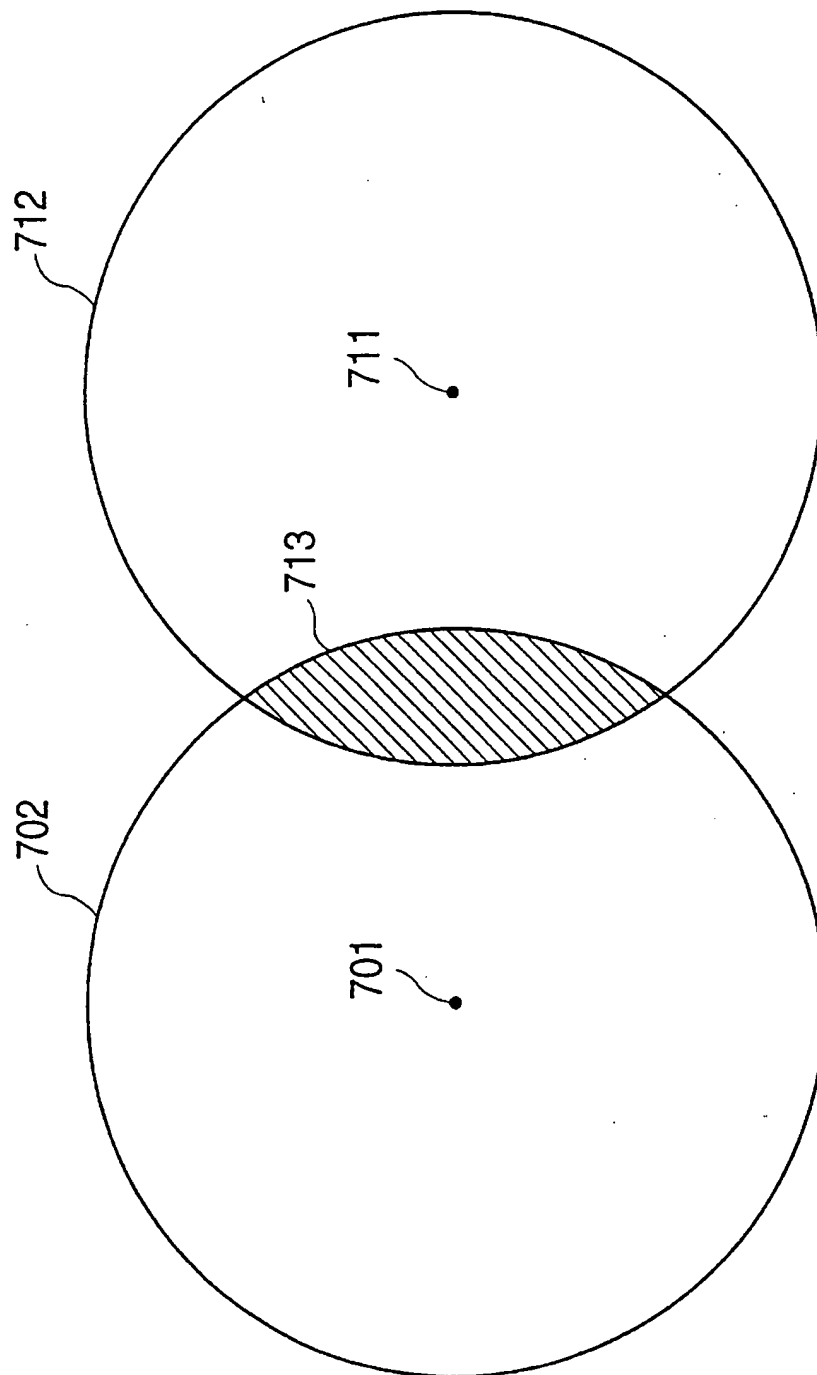
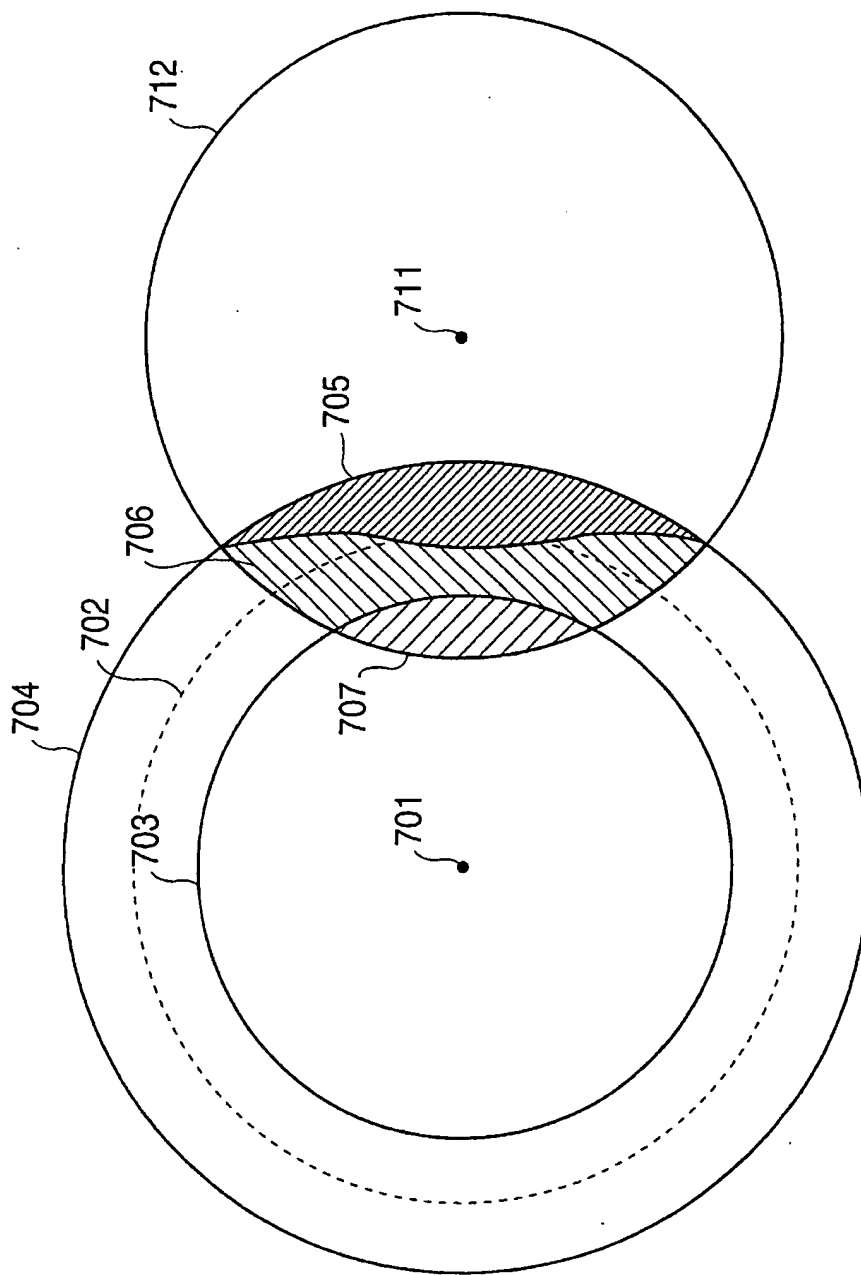


FIG. 52



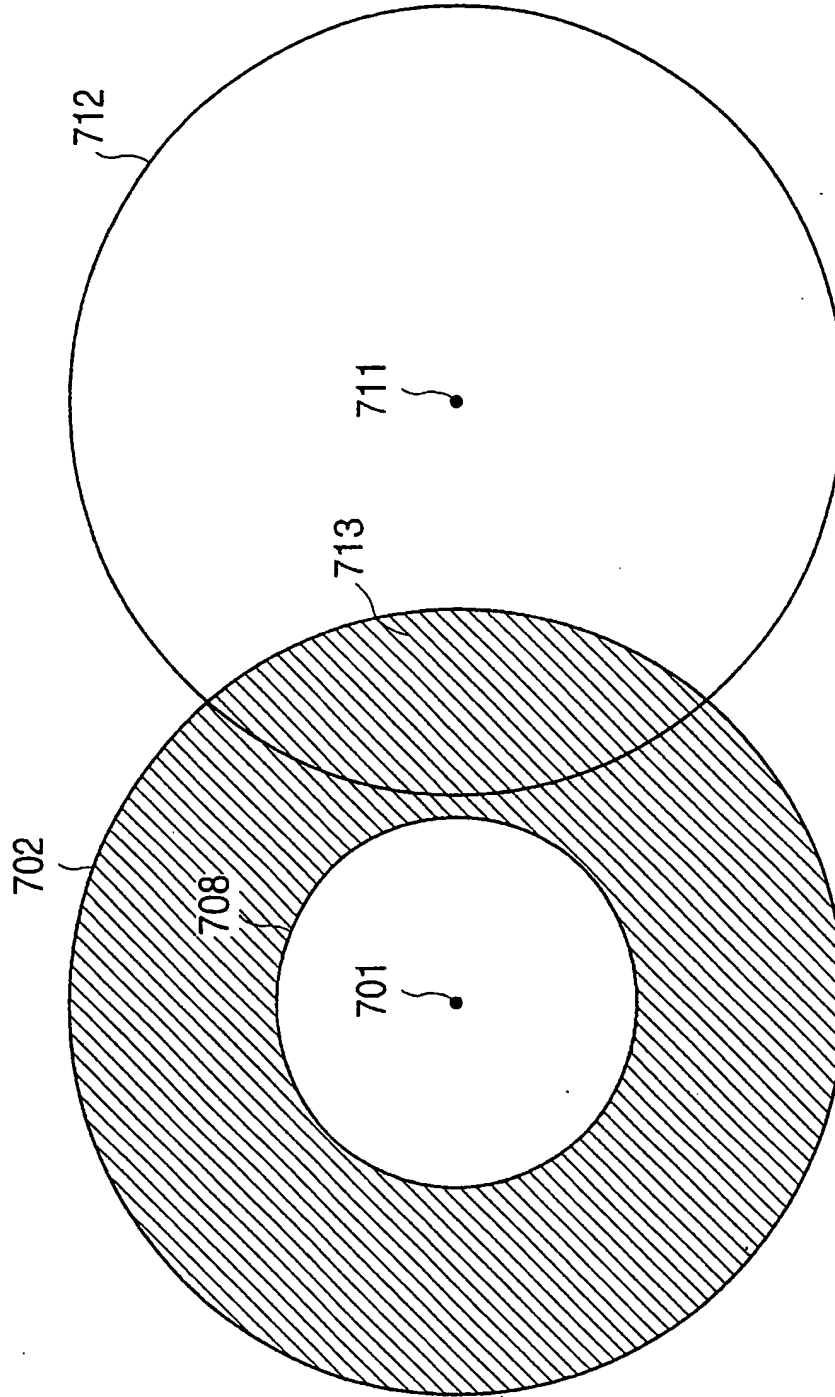
664020" 2E044260

FIG. 53



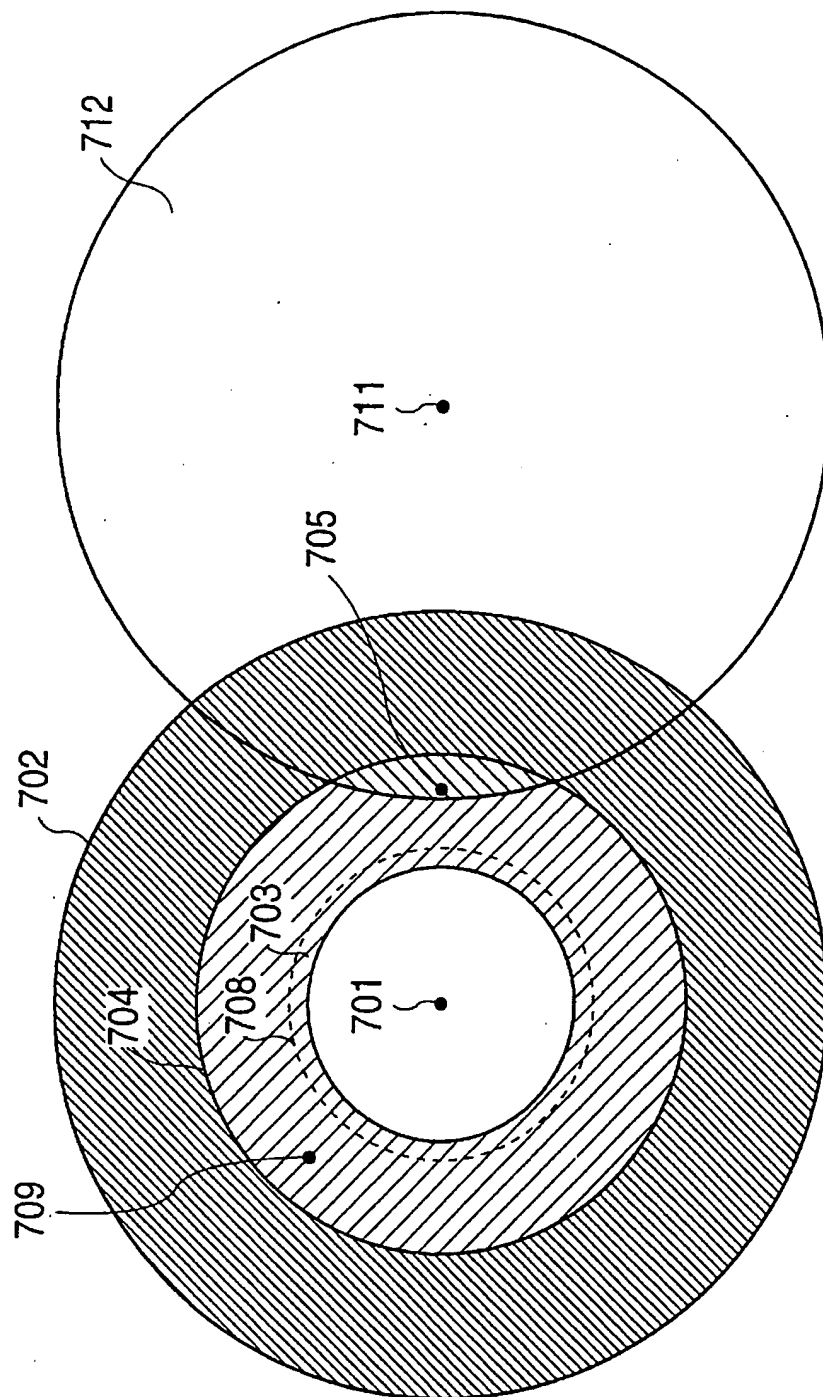
654020" 2E044260

FIG. 54



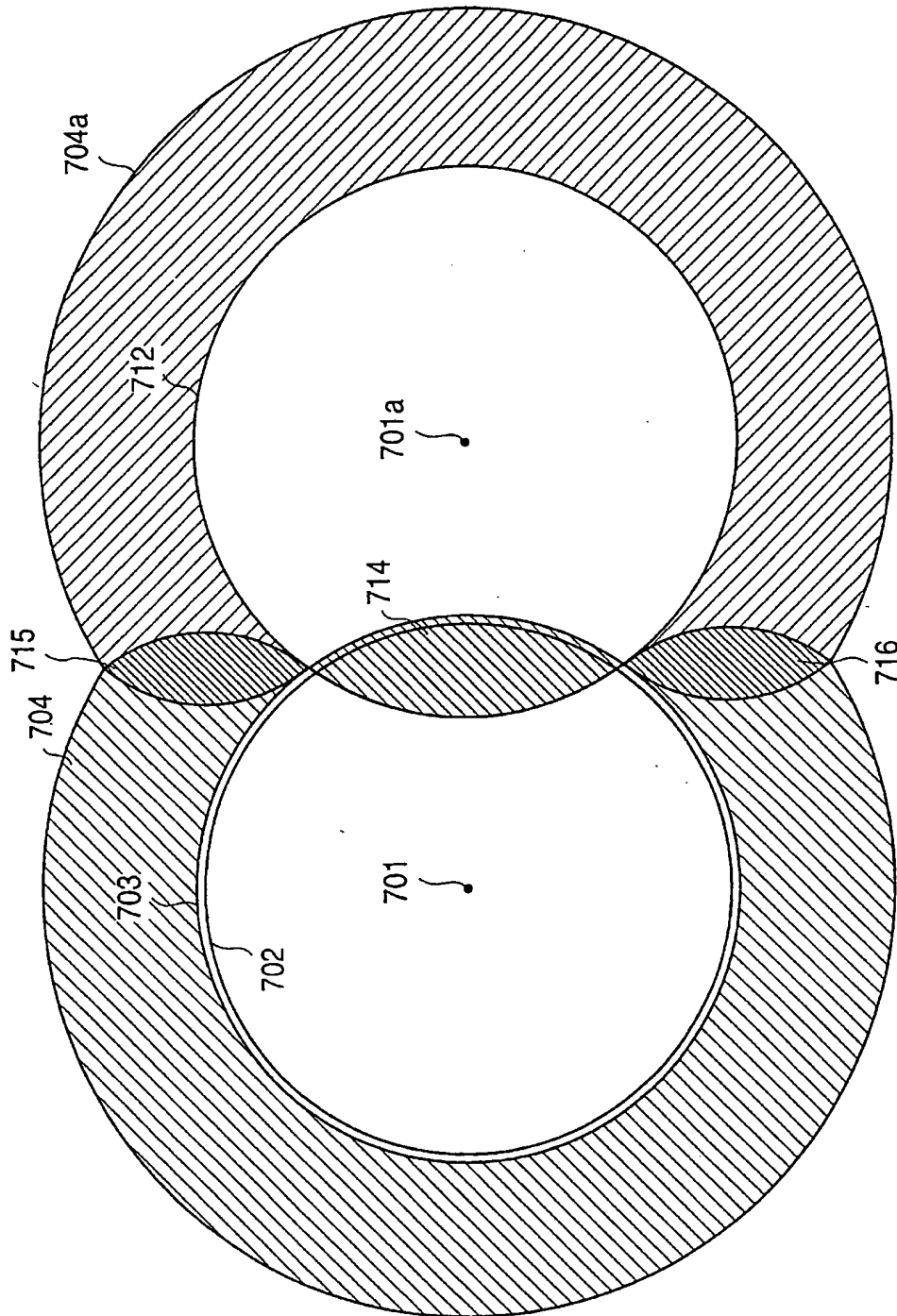
664020" 2E044260

FIG. 55



654020" 2E044260

FIG. 56



664020" 2E044260

FIG. 57

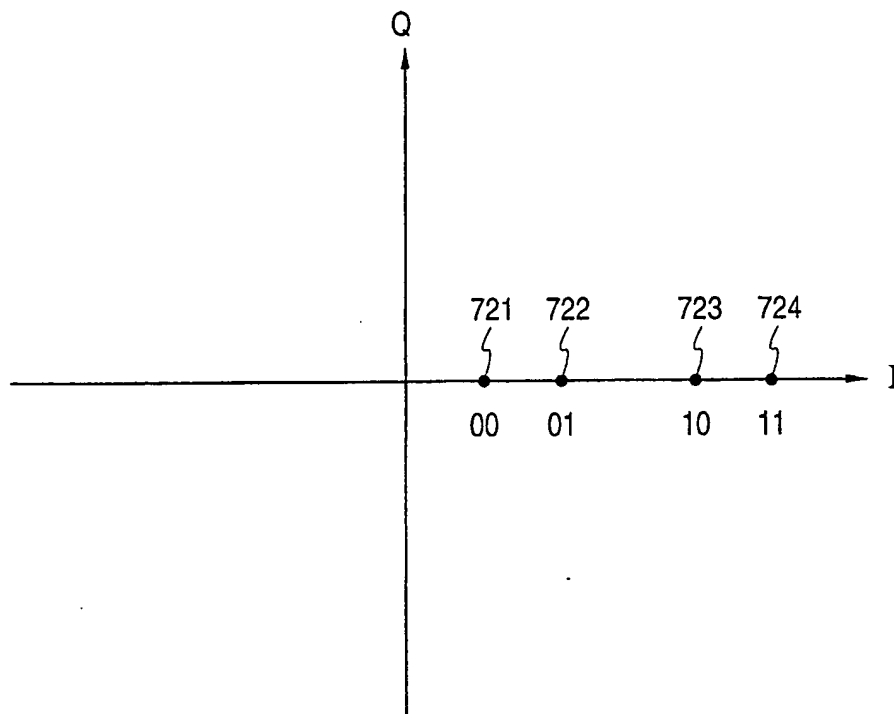
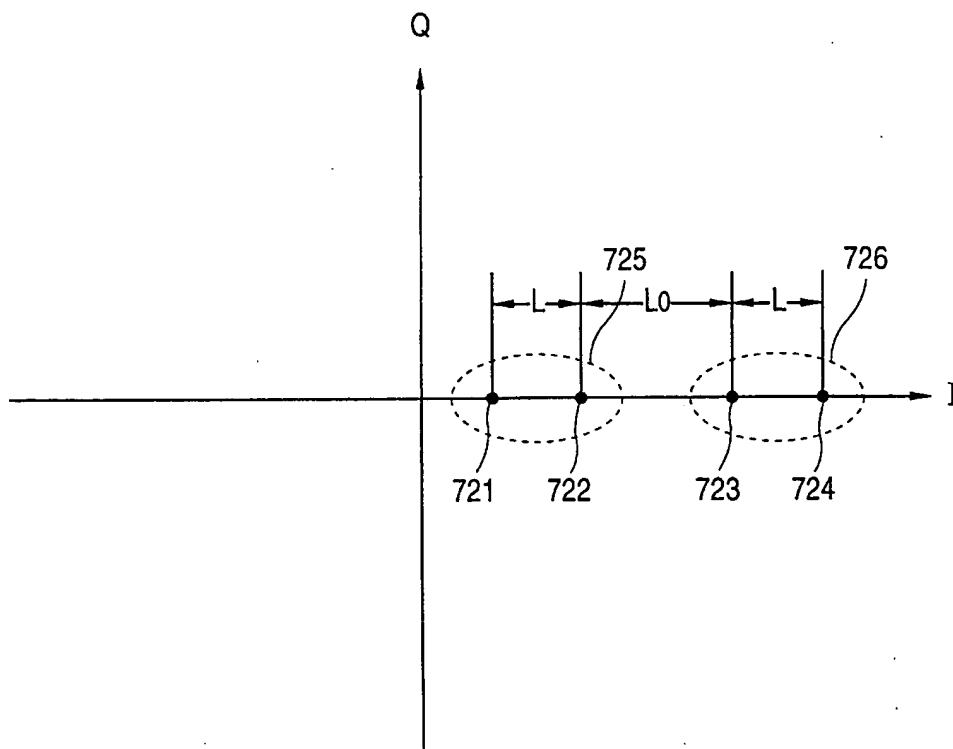


FIG. 58



664020" 2E044260

FIG. 59(a)

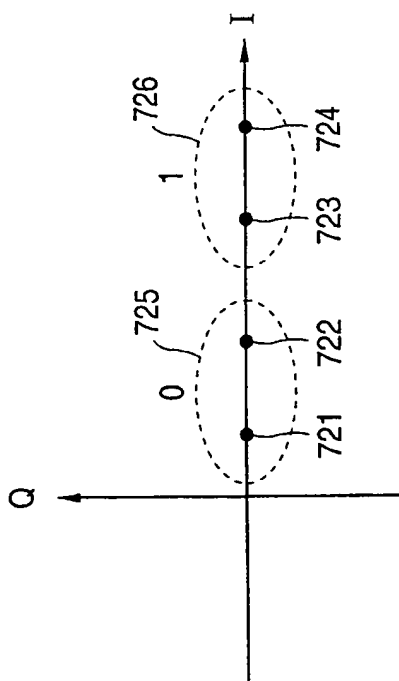


FIG. 59(c)

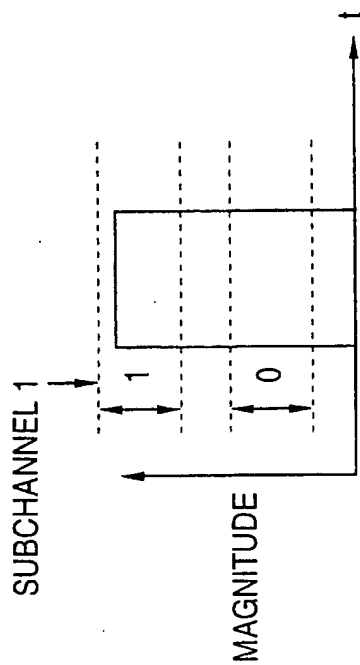


FIG. 59(b)

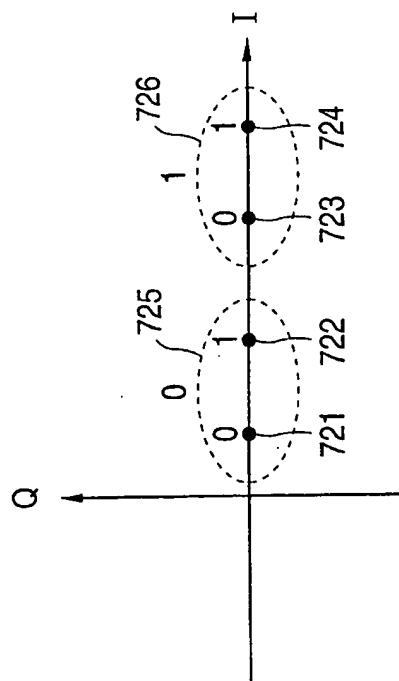


FIG. 59(d)

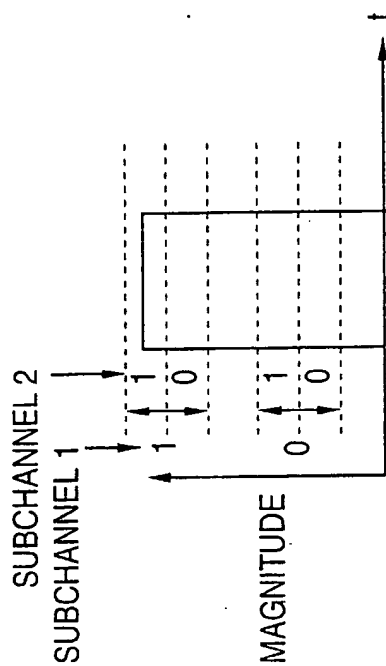
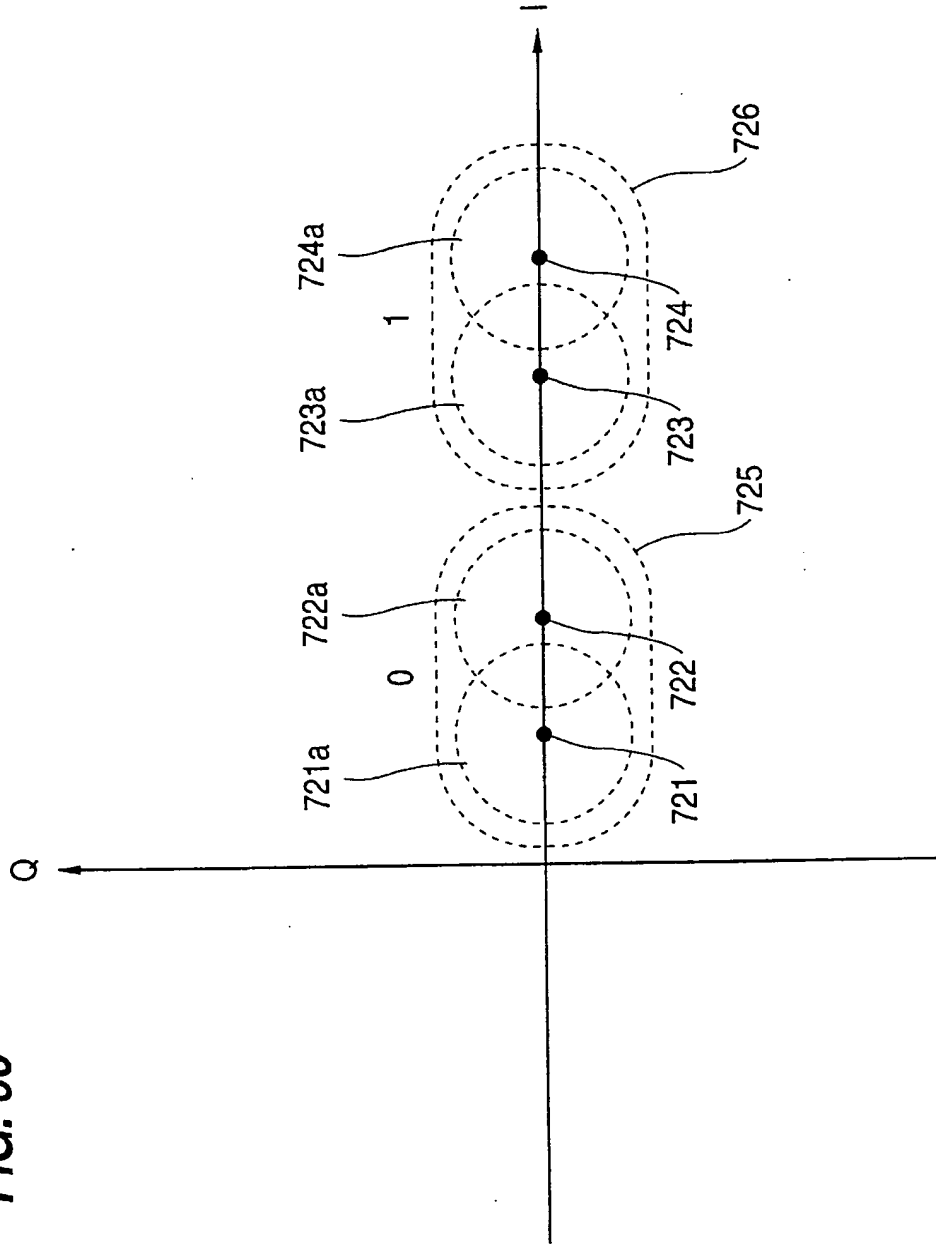


FIG. 60



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FIG. 61

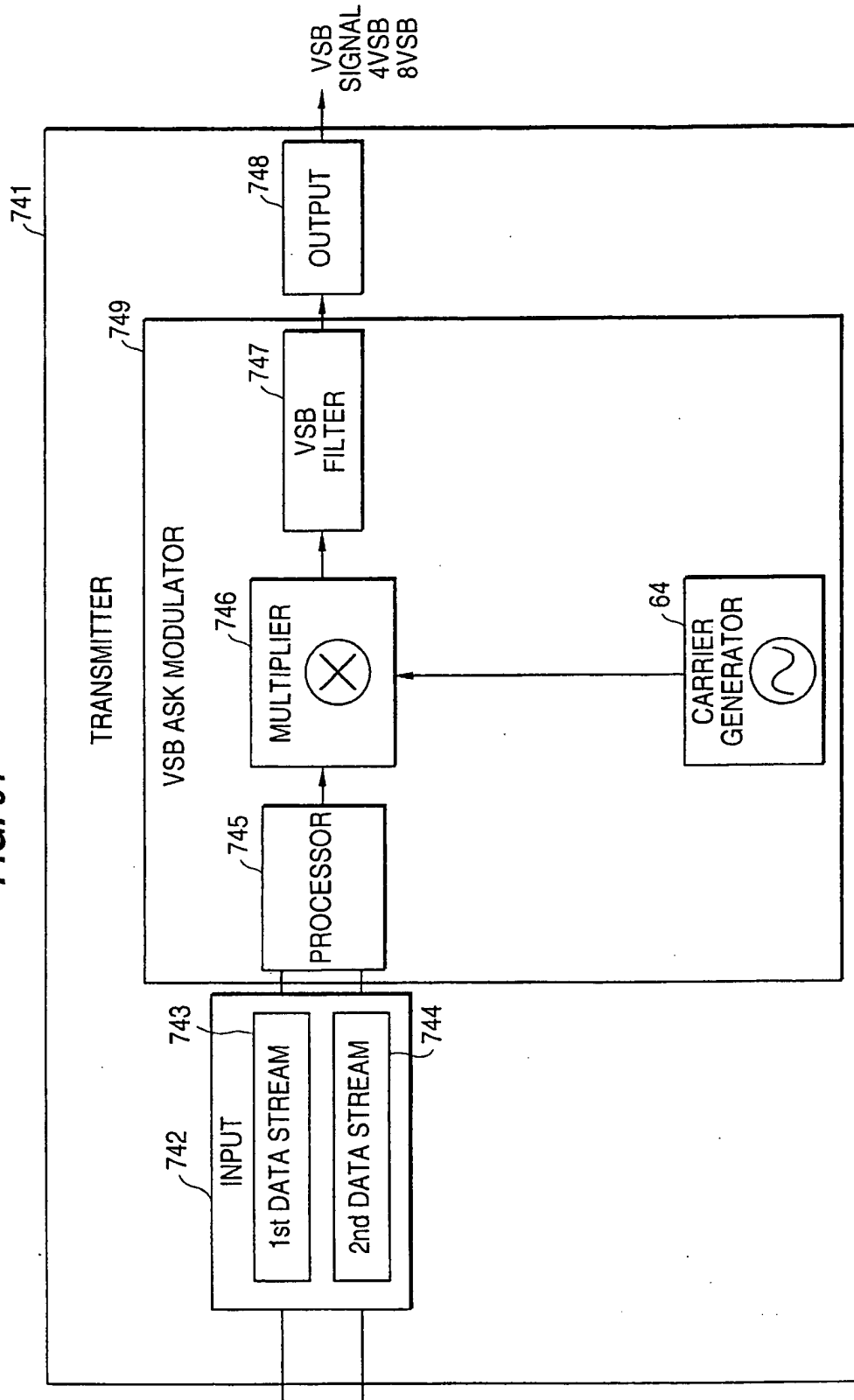


FIG. 62(a)

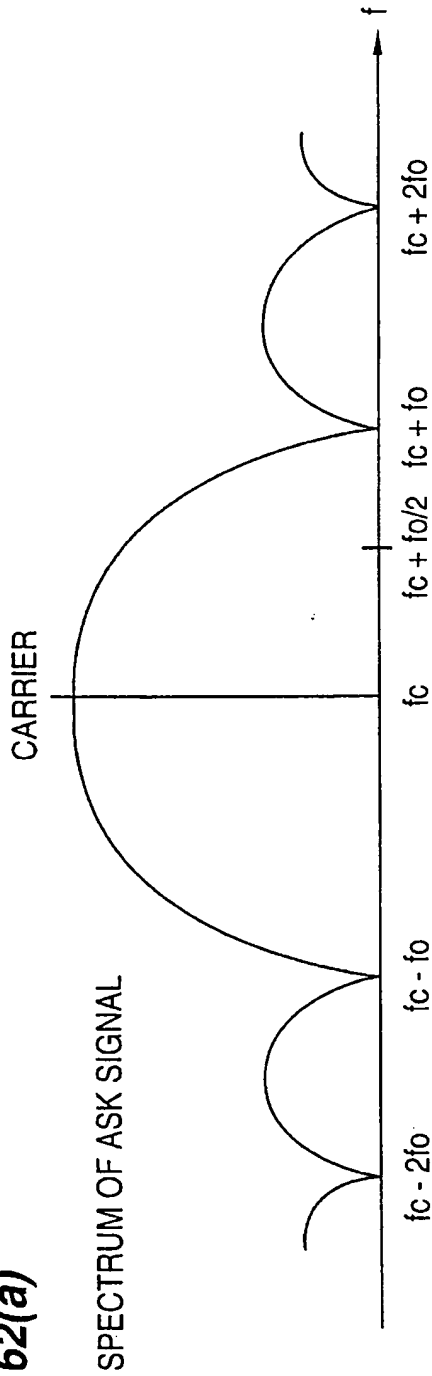


FIG. 62(b)

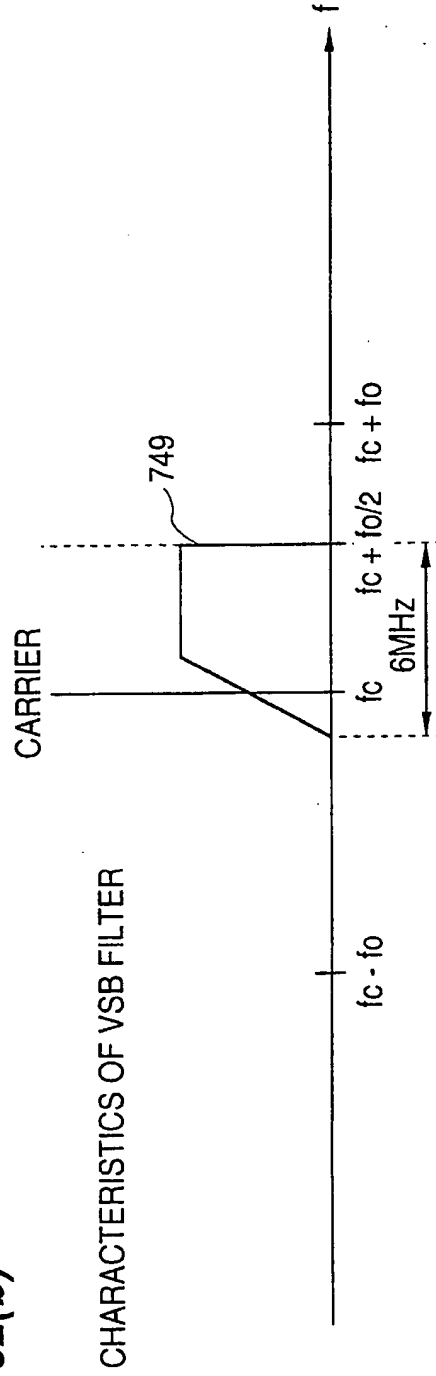


FIG. 63

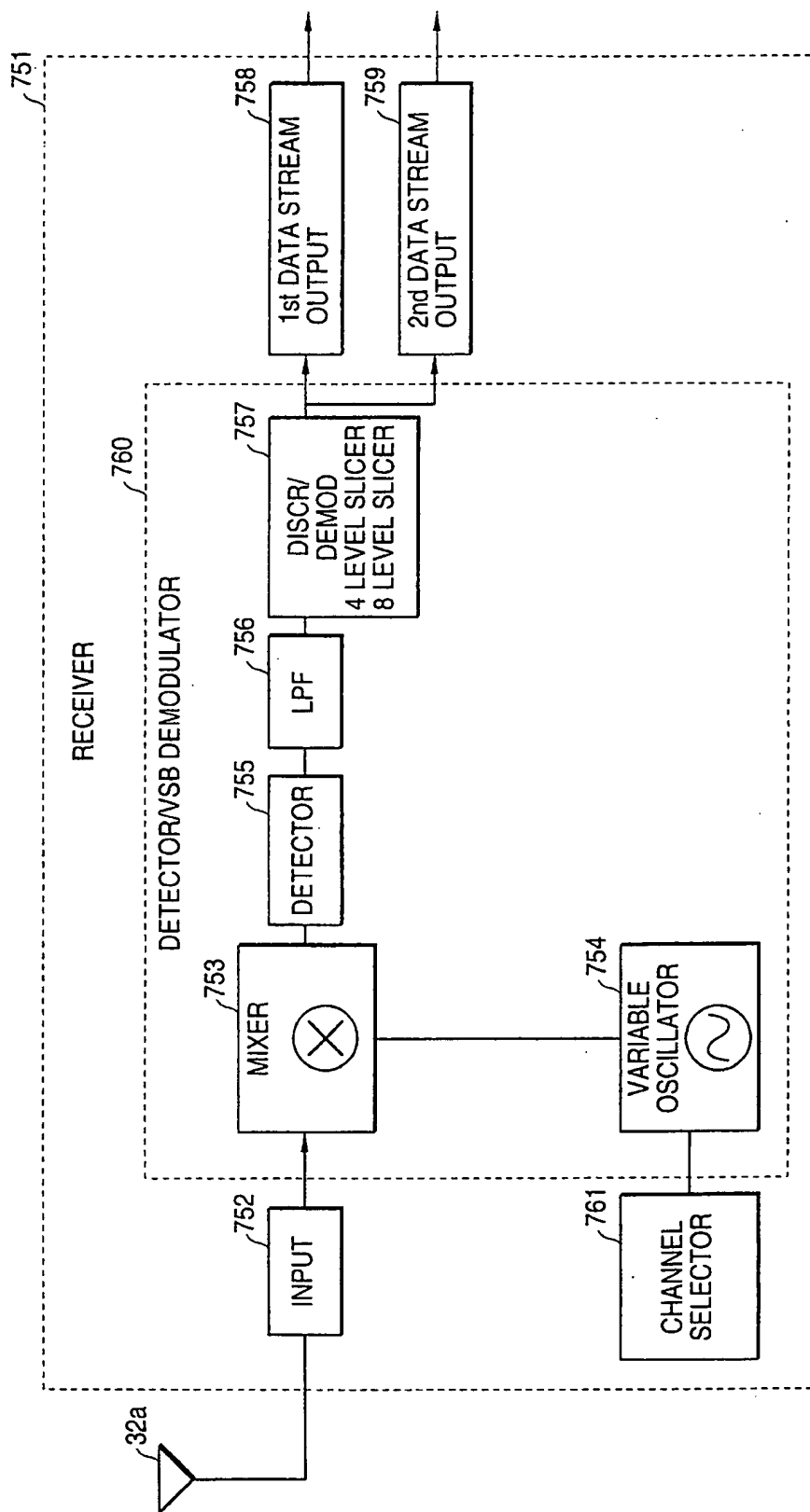


FIG. 64

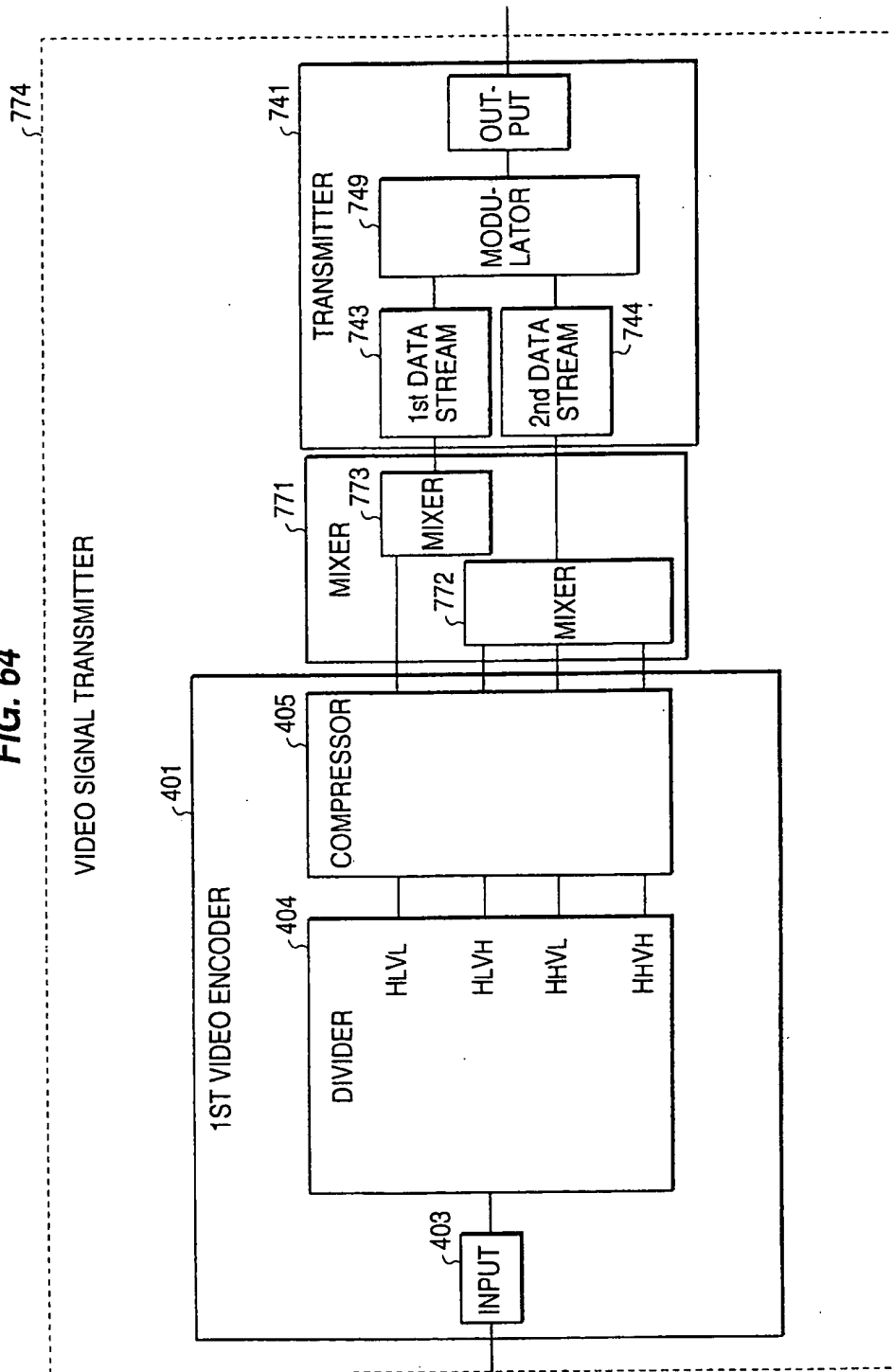


FIG. 65

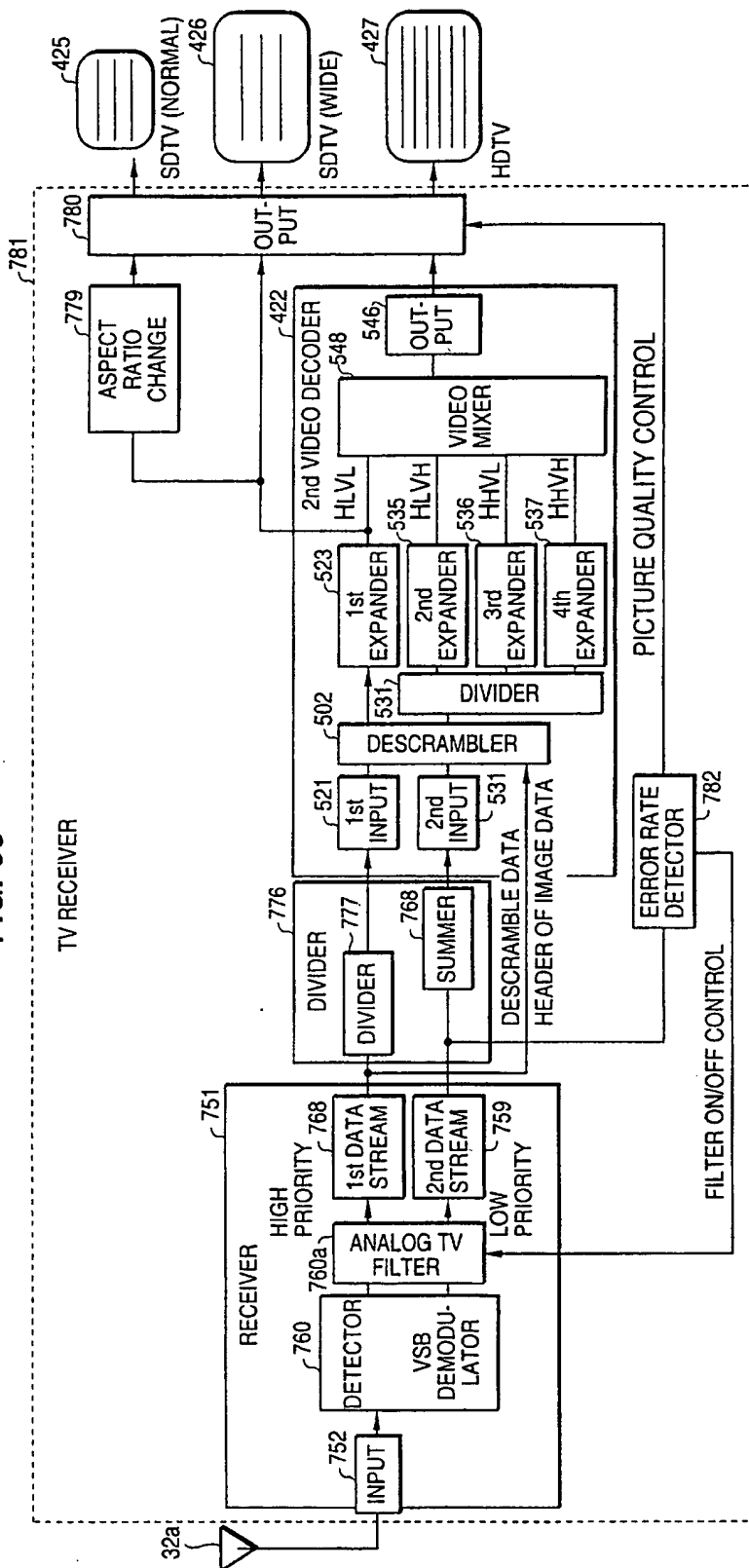
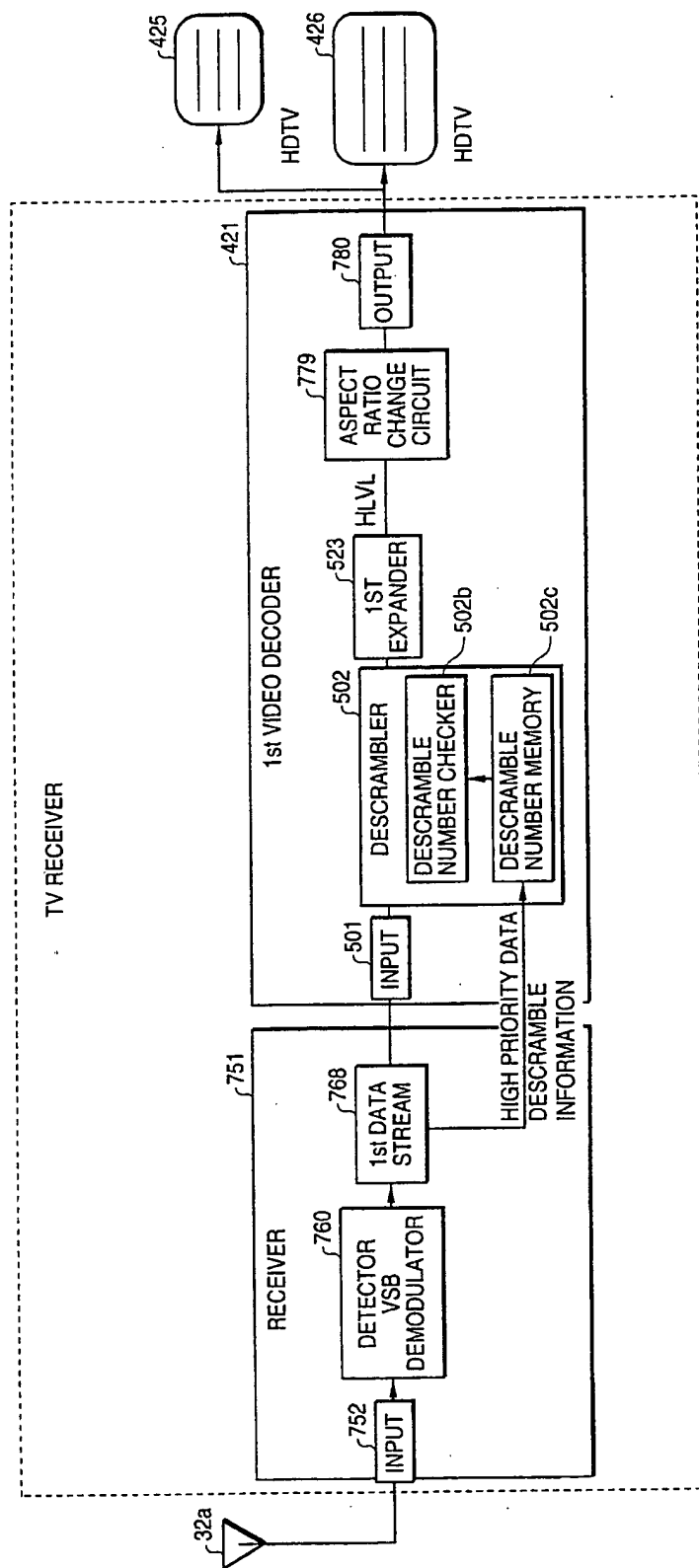
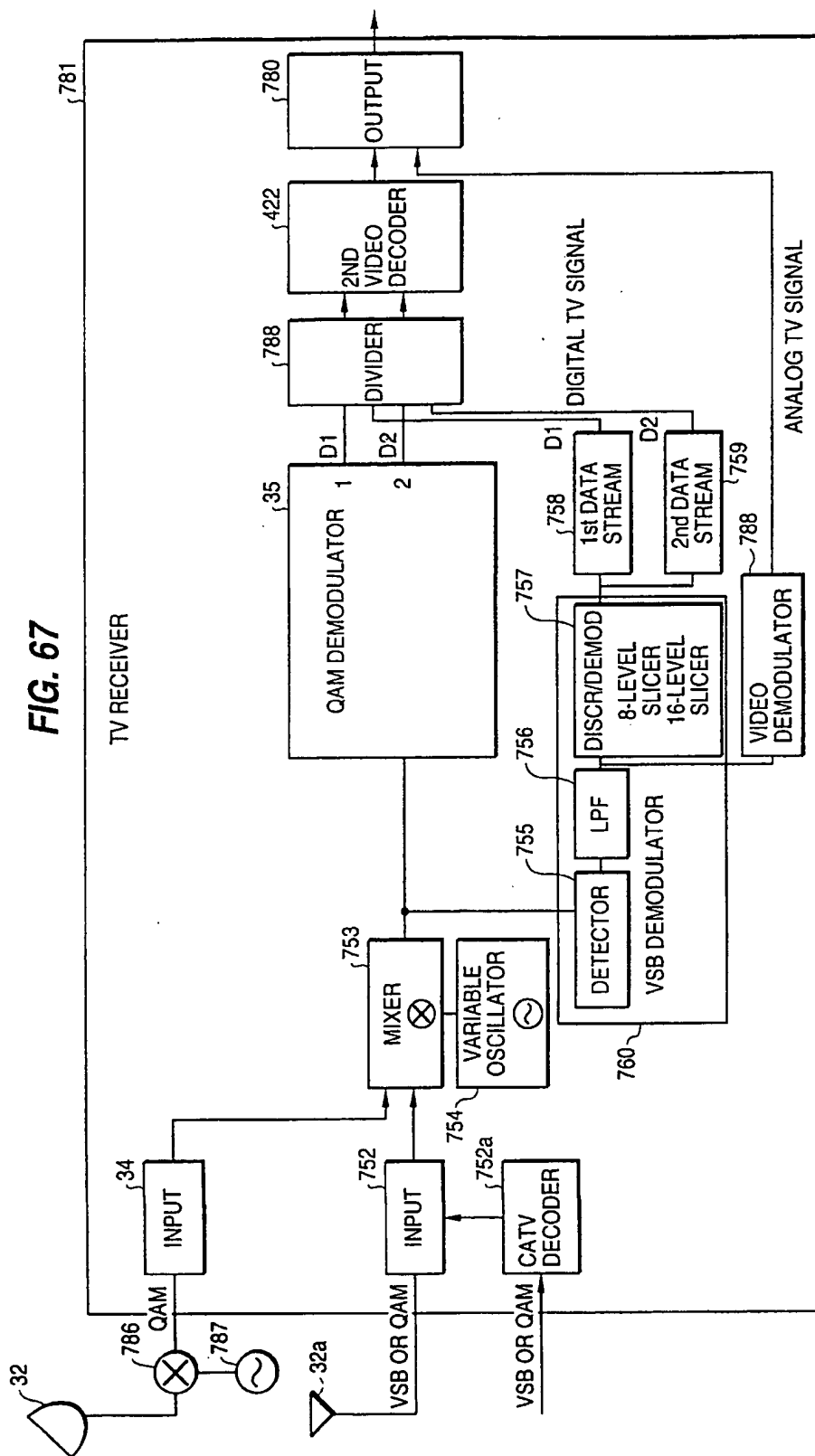


FIG. 66





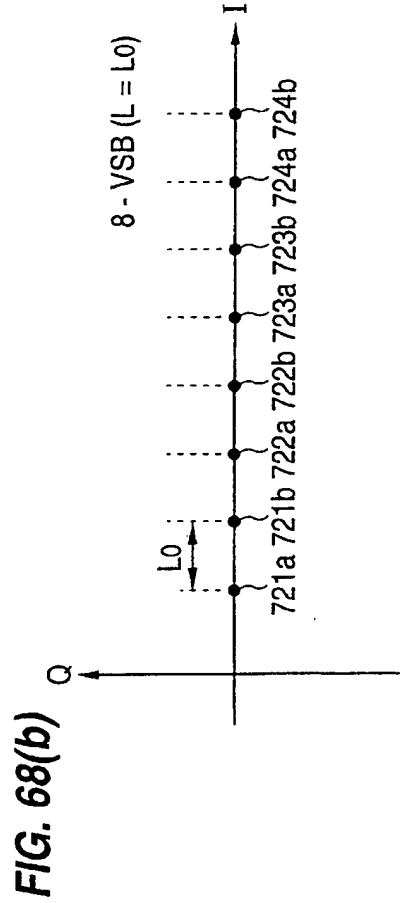
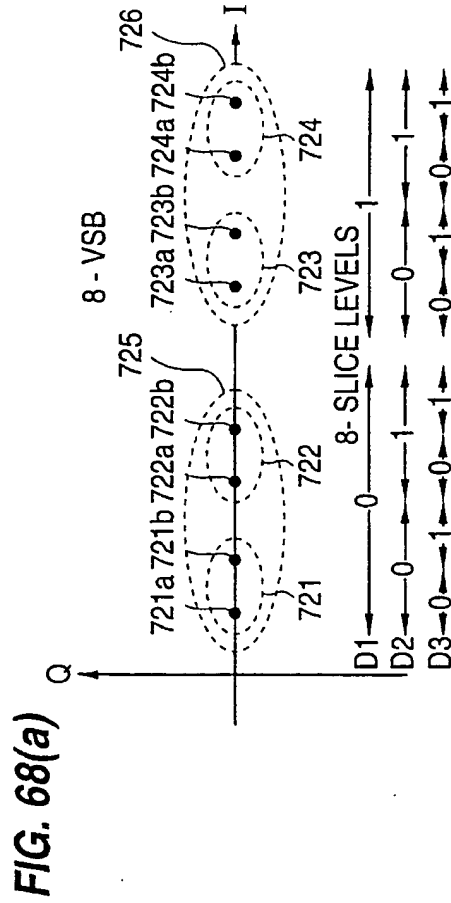


FIG. 68(c)

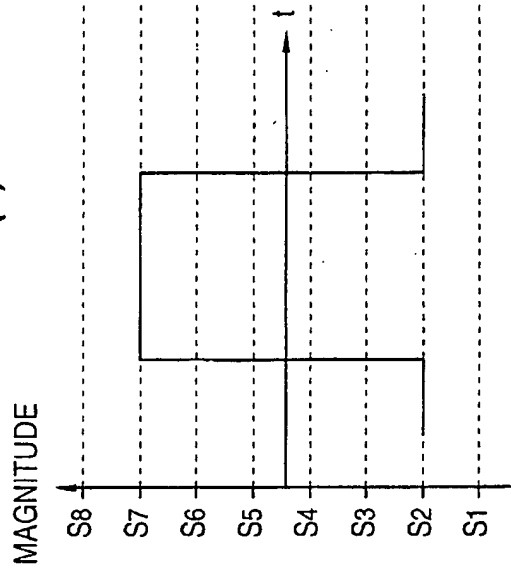


FIG. 69

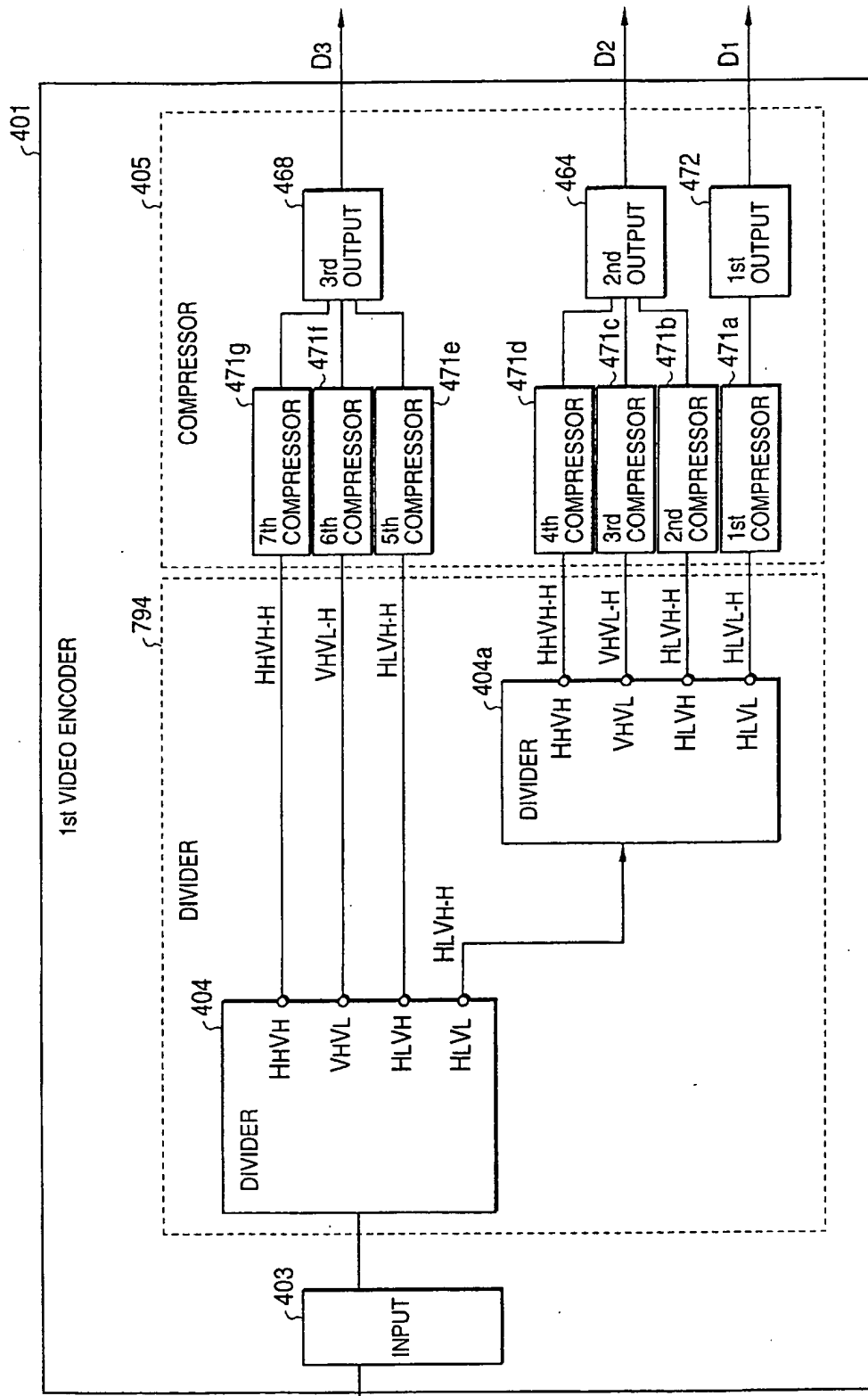


FIG. 70

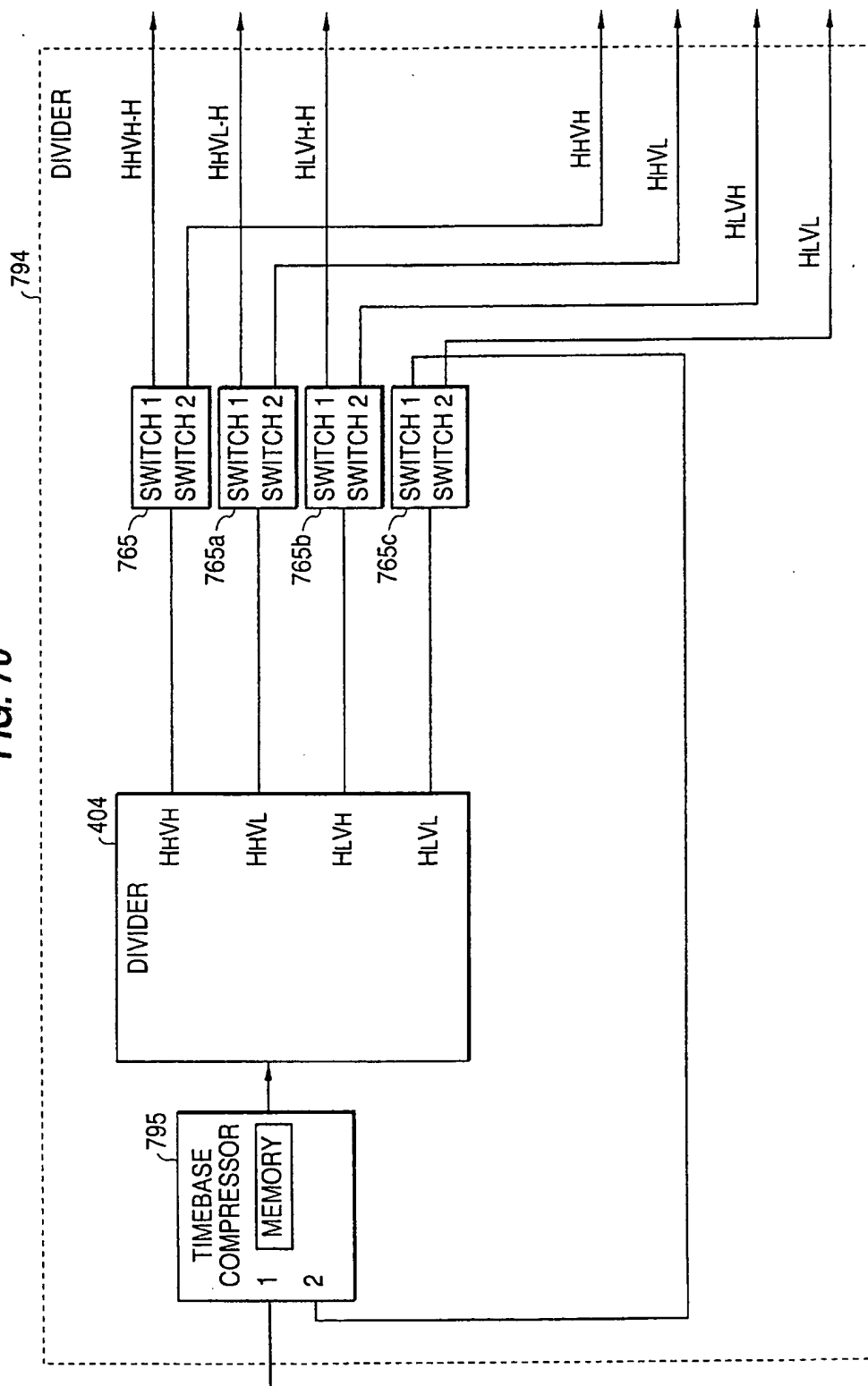


FIG. 71

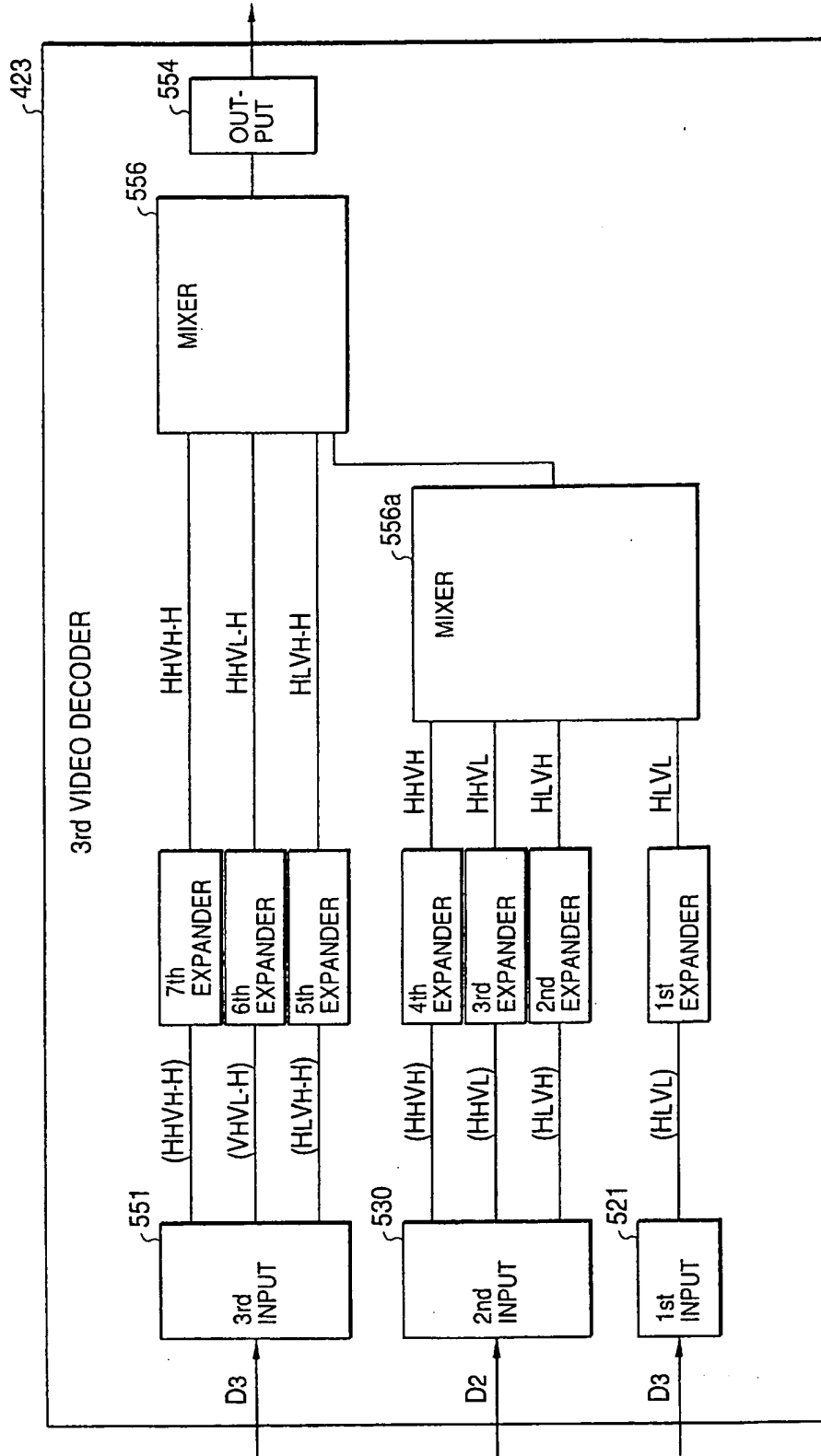


FIG. 72

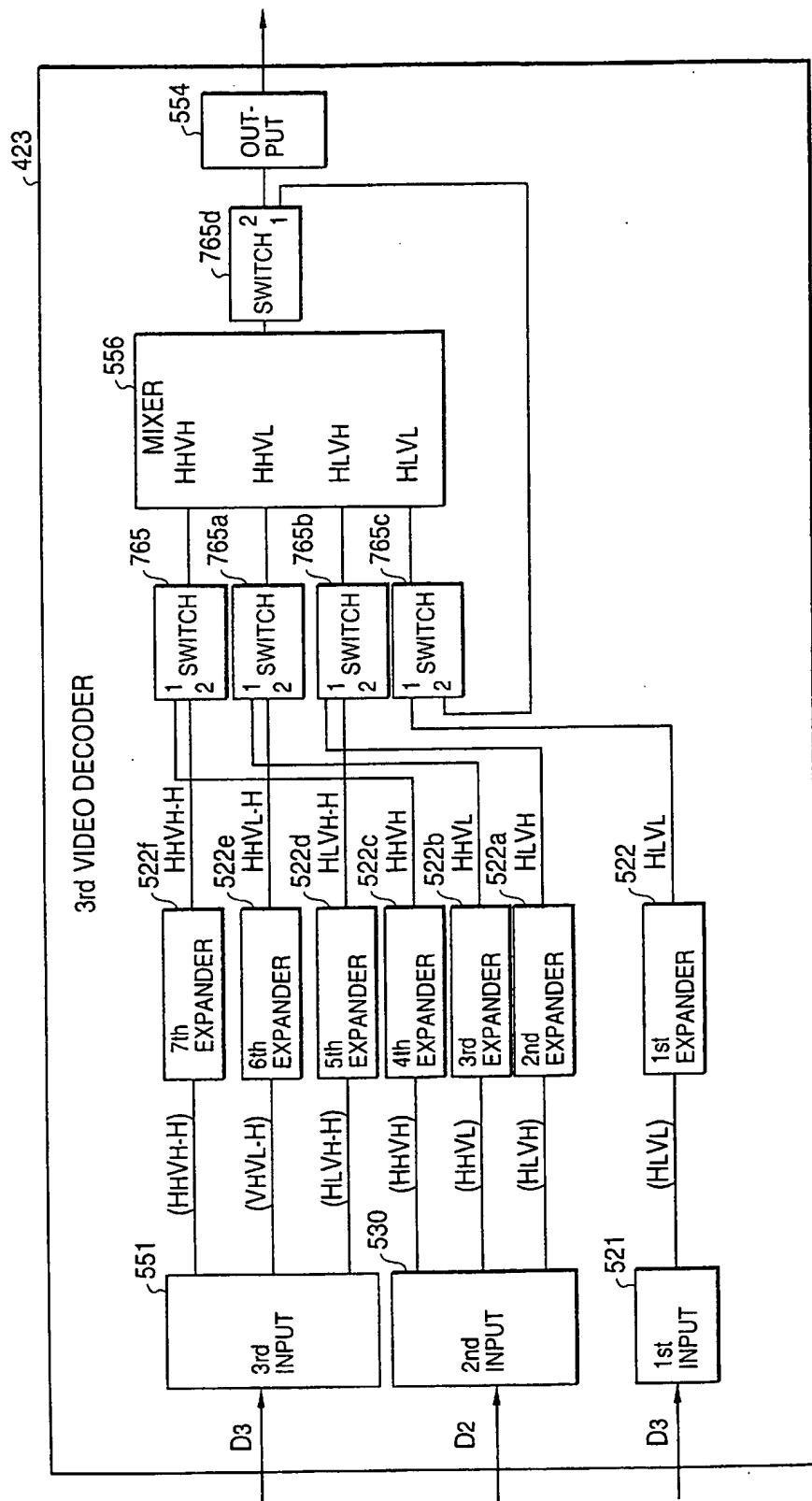


FIG. 73

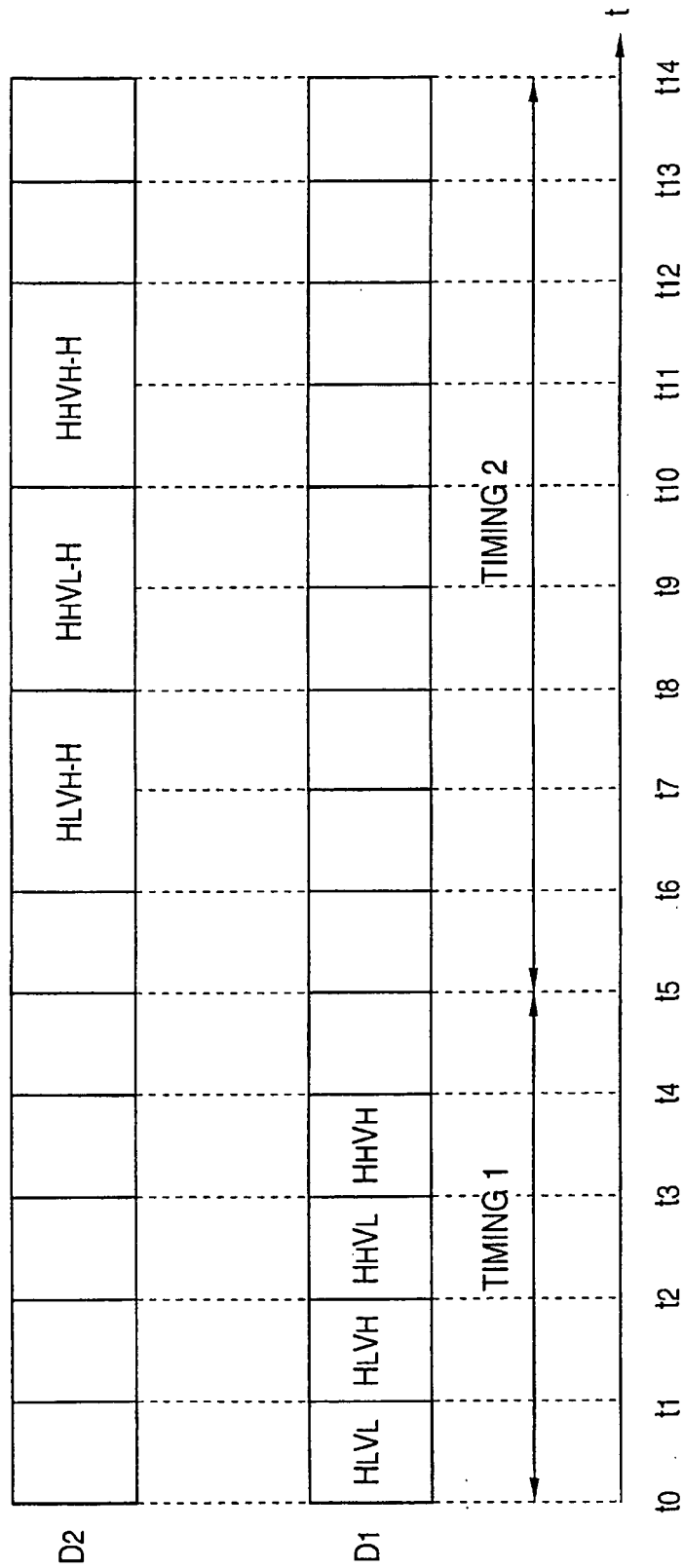


FIG. 74(a)

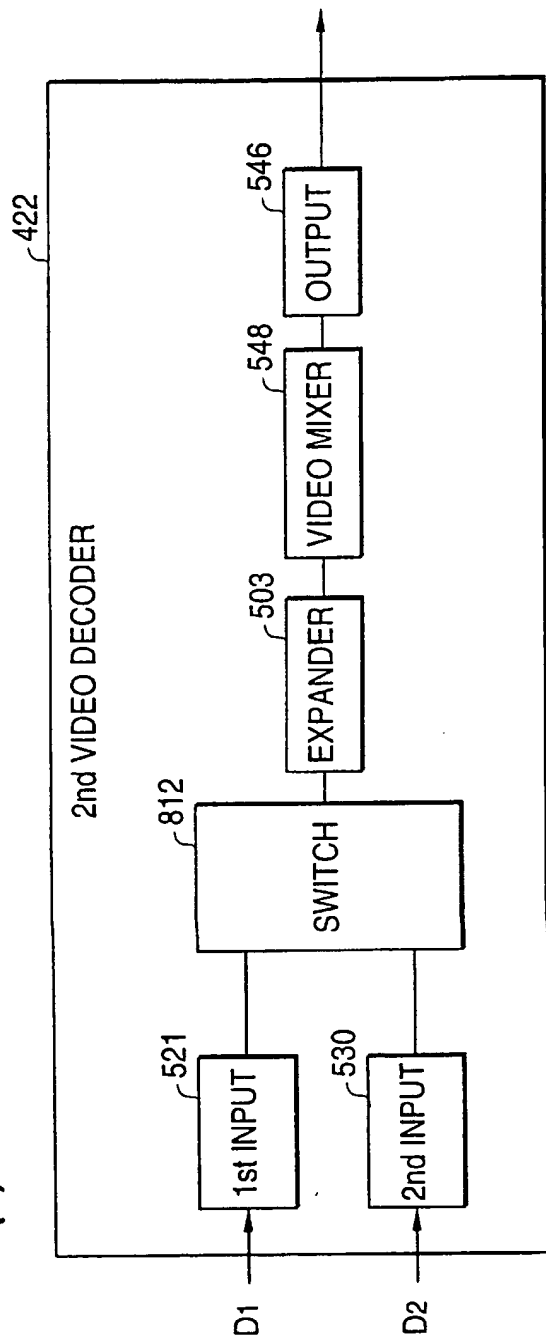


FIG. 74(b)

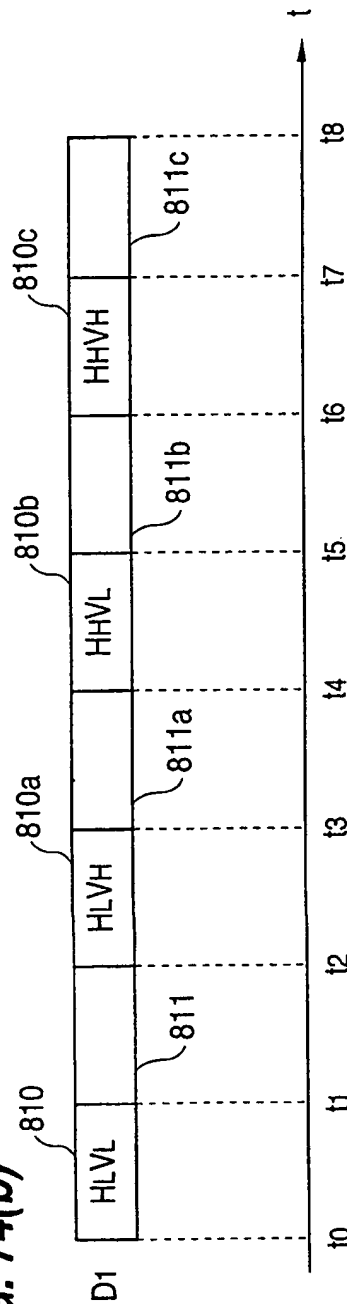


FIG. 75

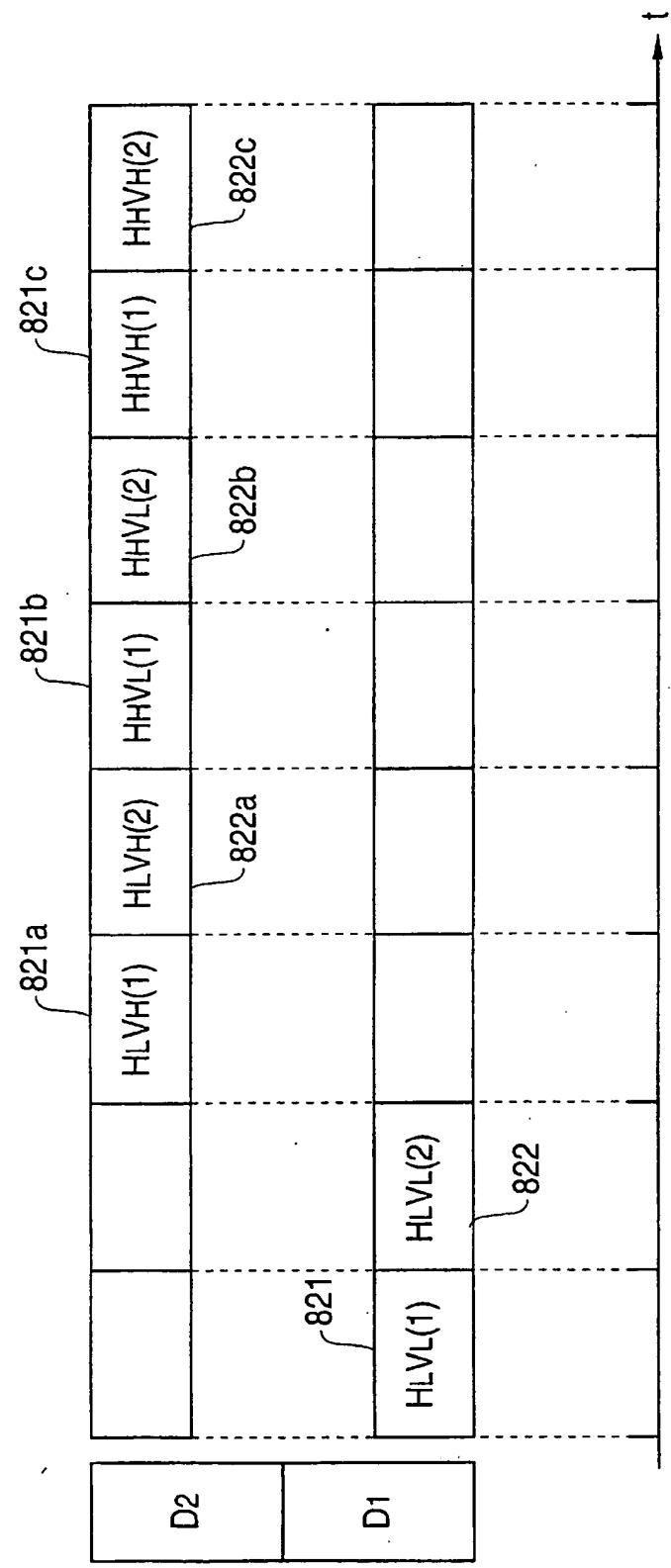
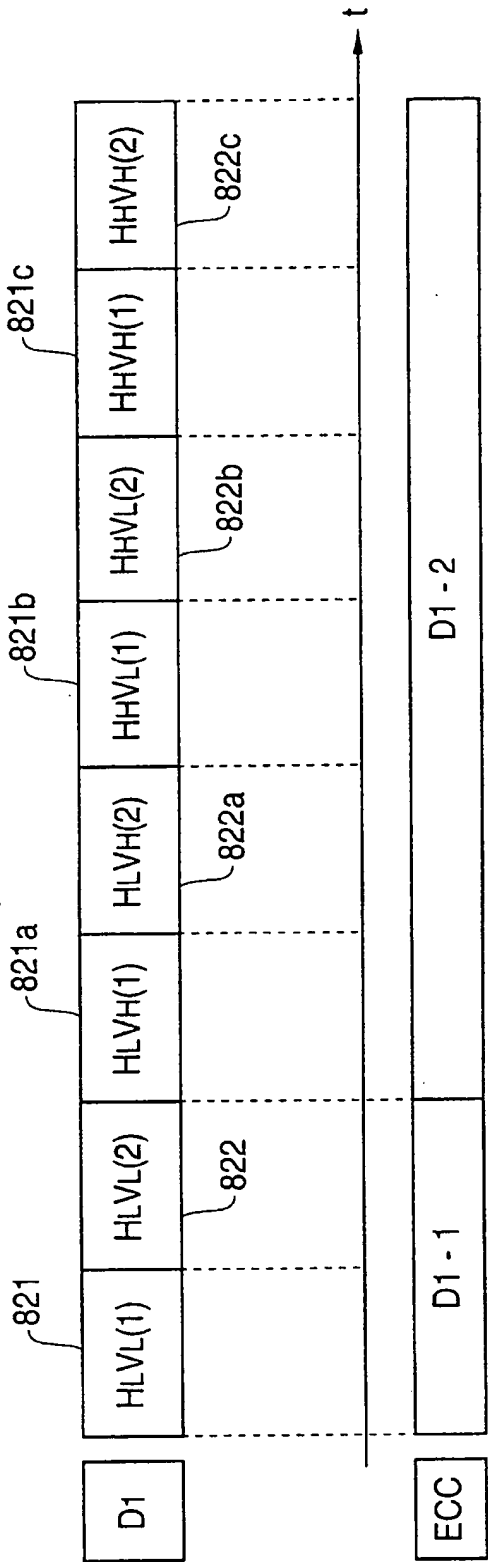
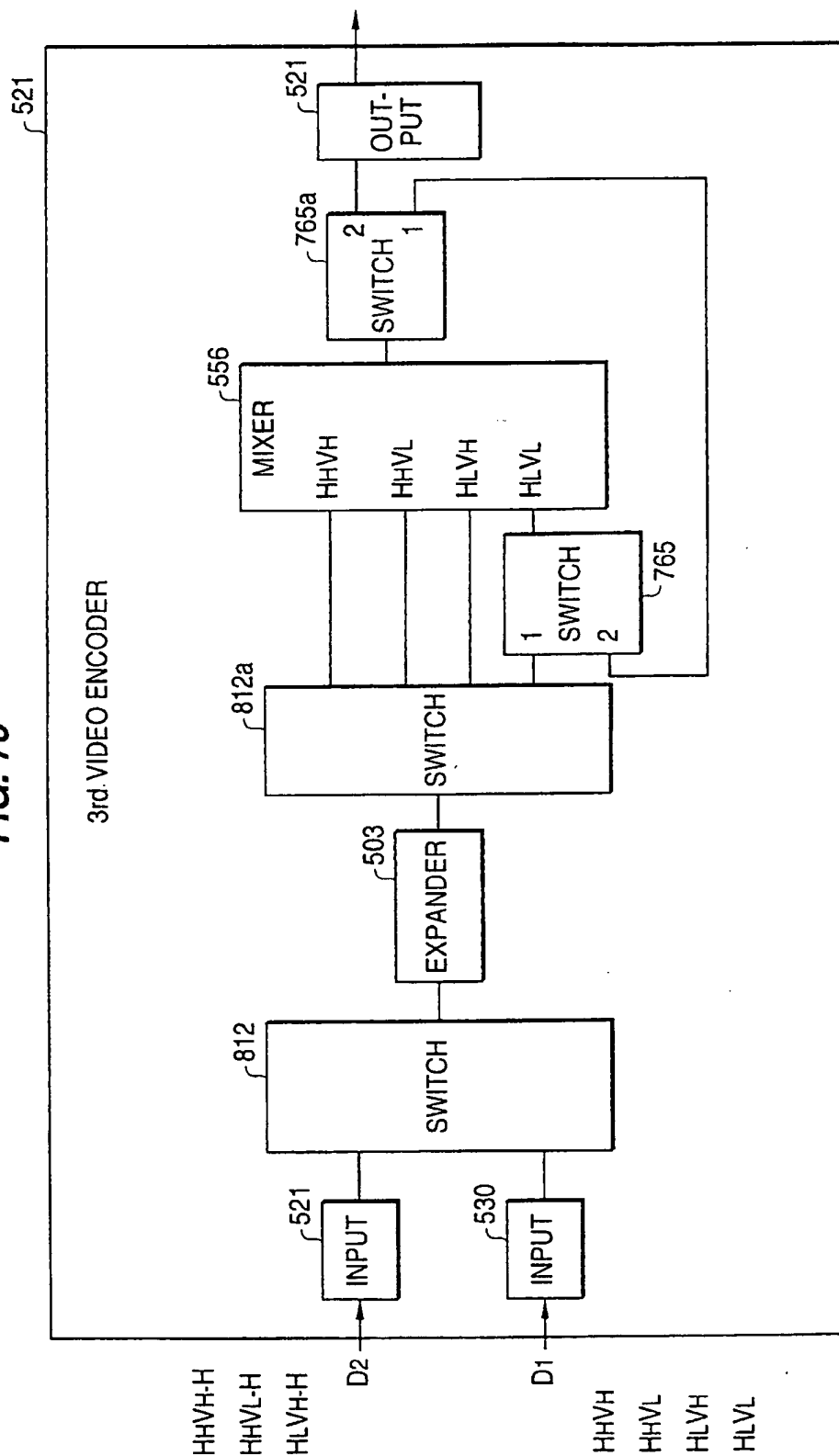


FIG. 76



[illegible]

FIG. 78



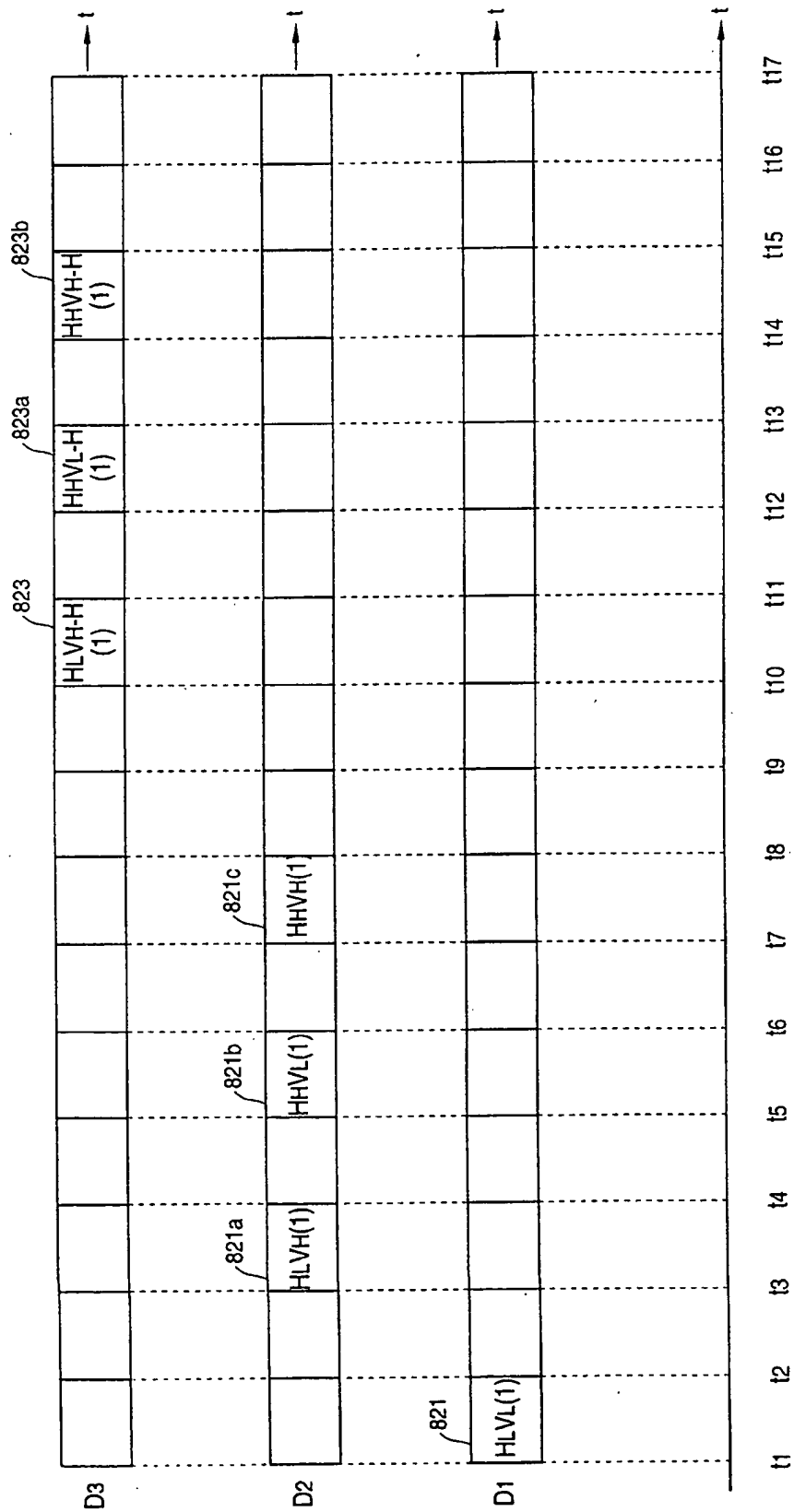


FIG. 80

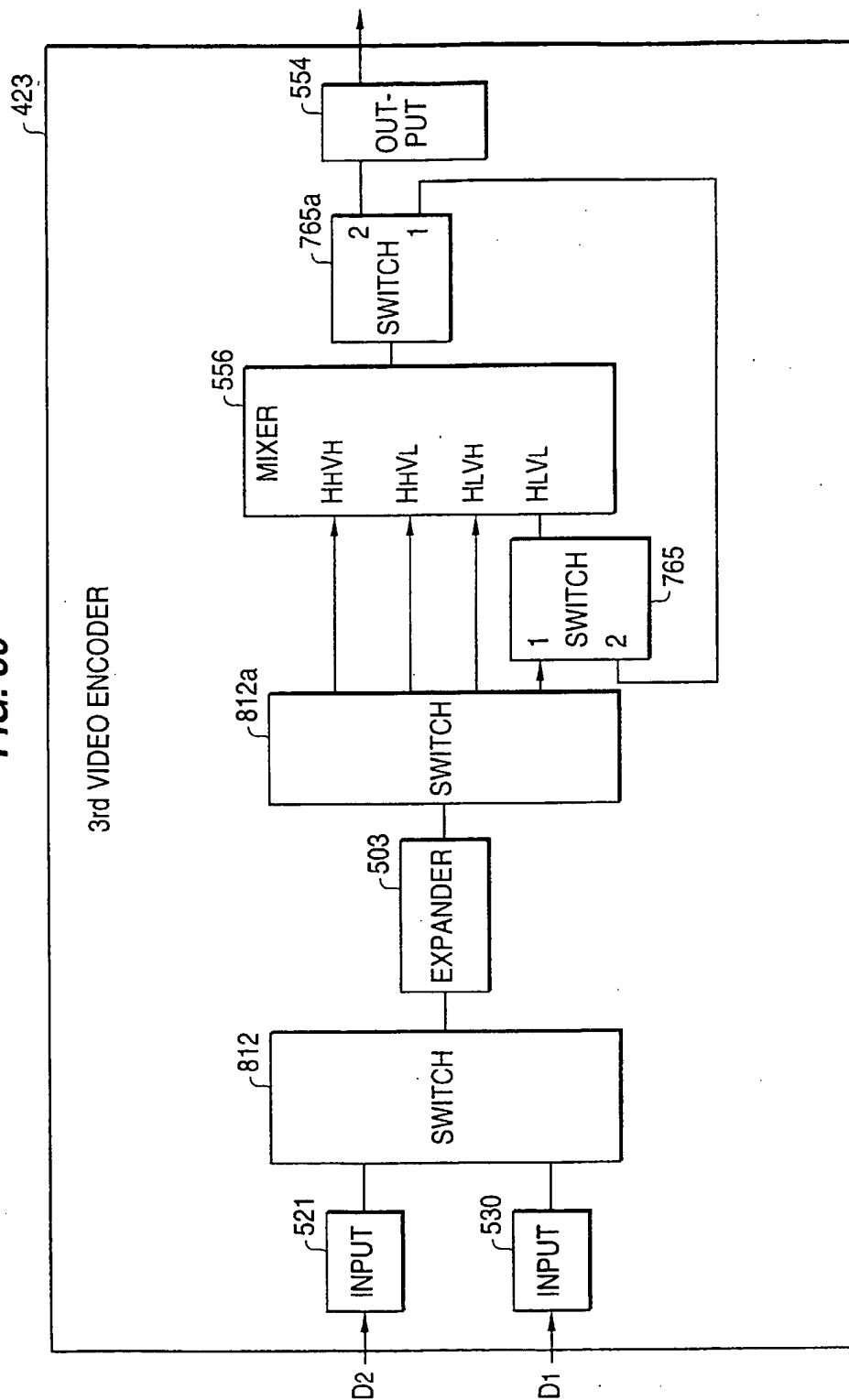


FIG. 81

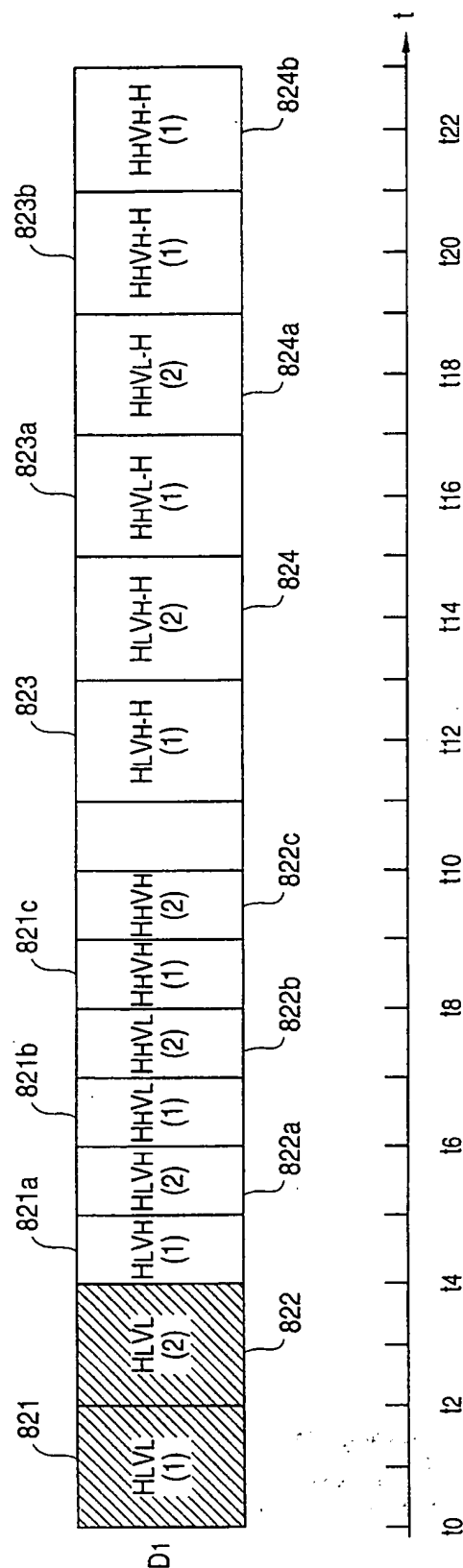


FIG. 82

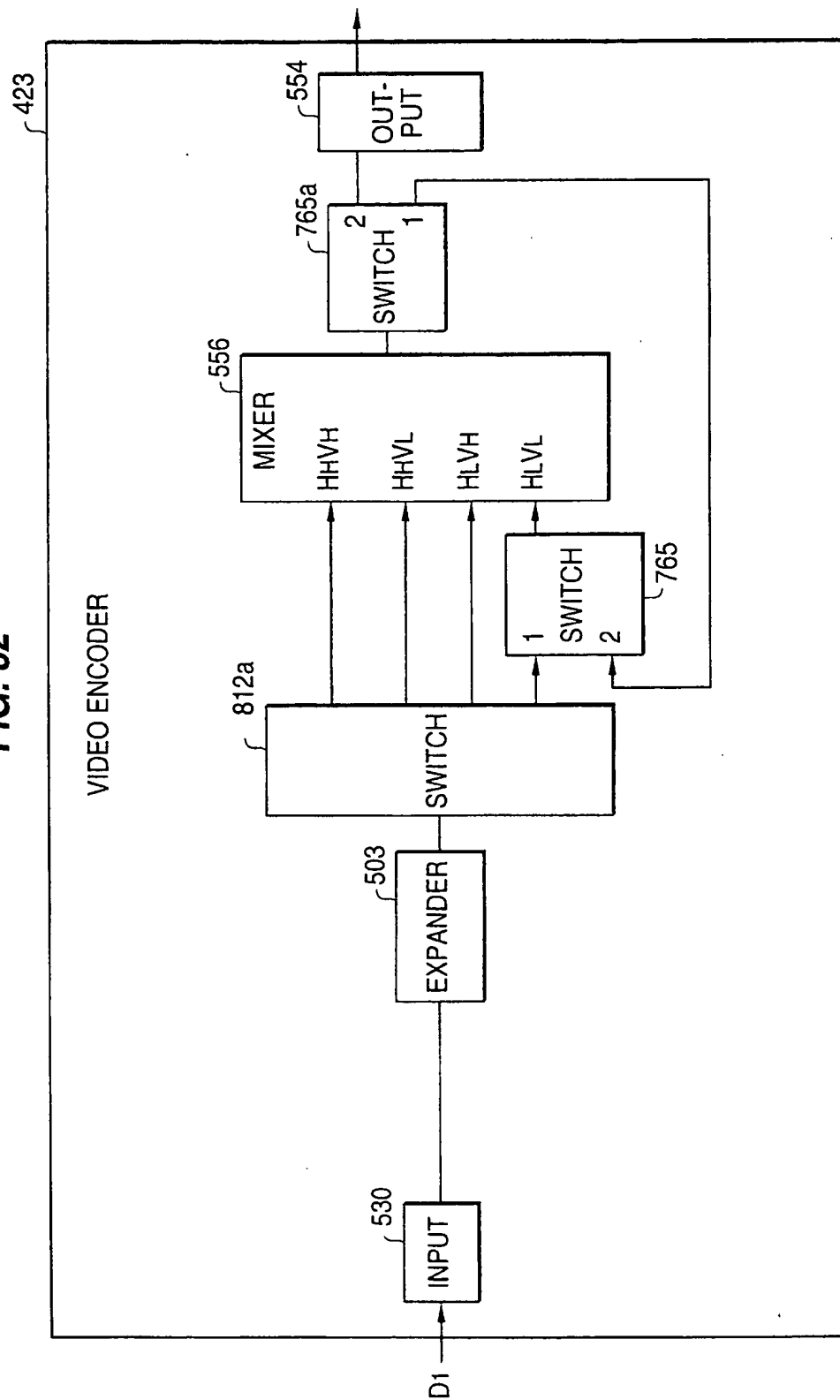


FIG. 83

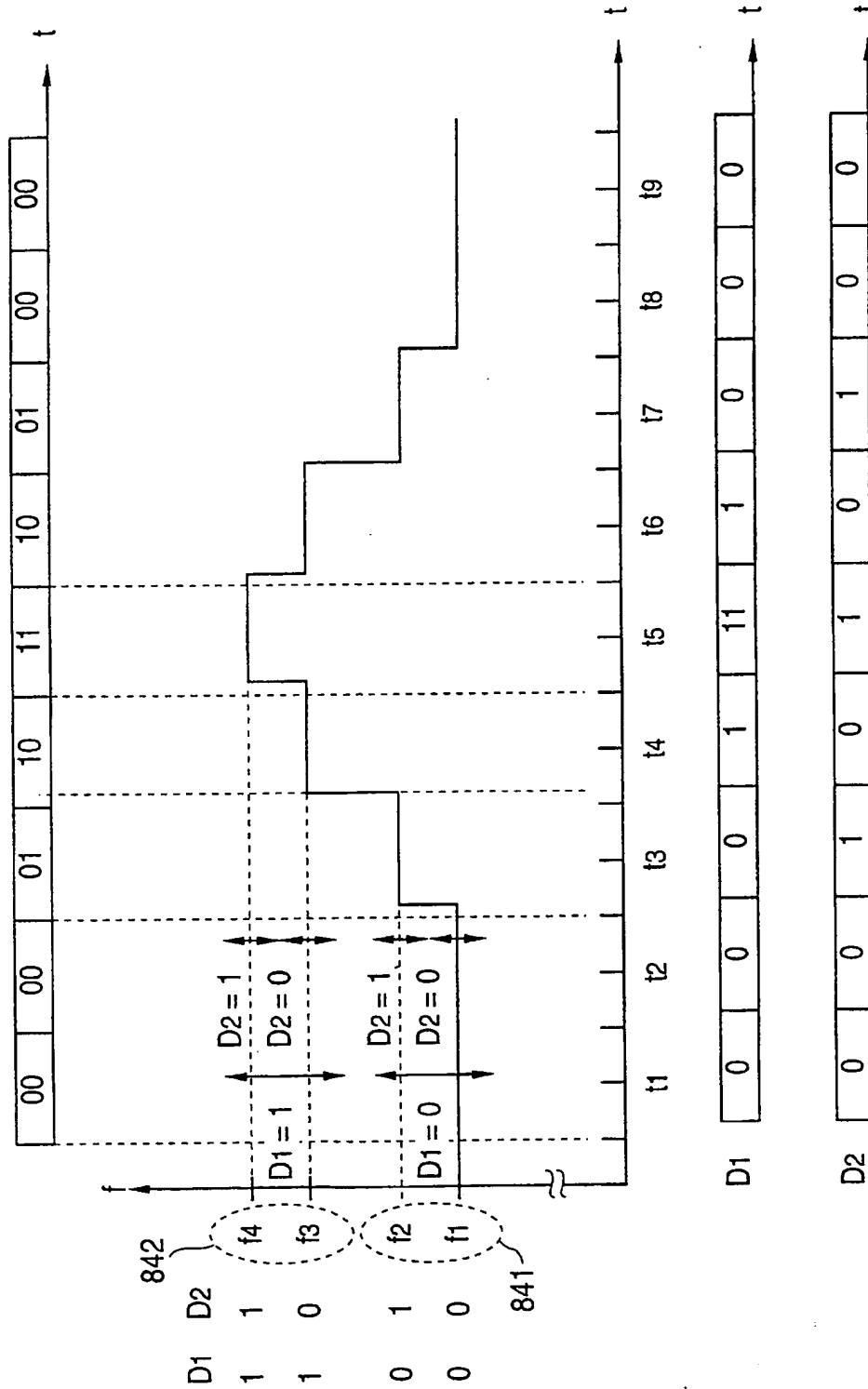


FIG. 84

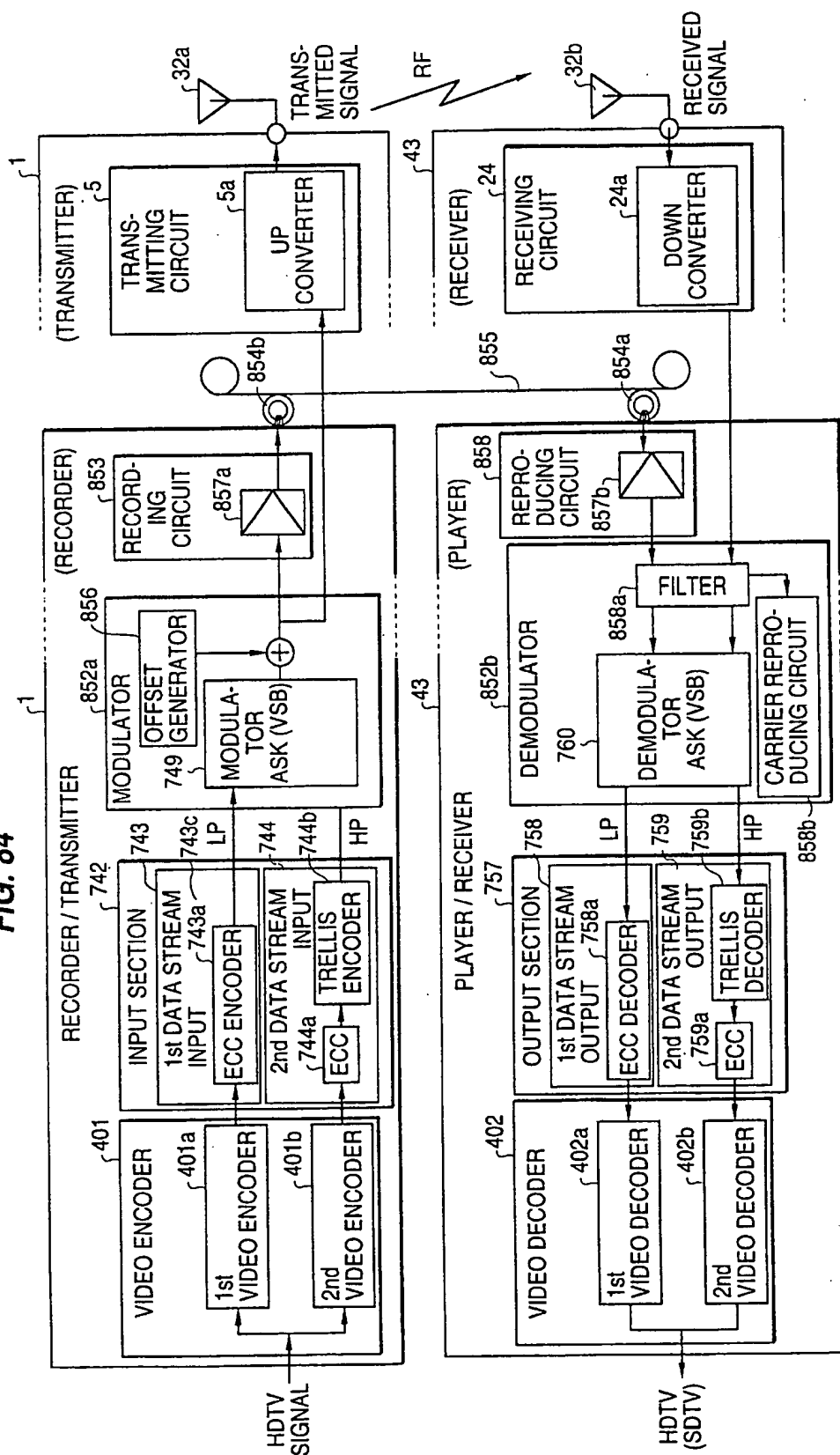


FIG. 85

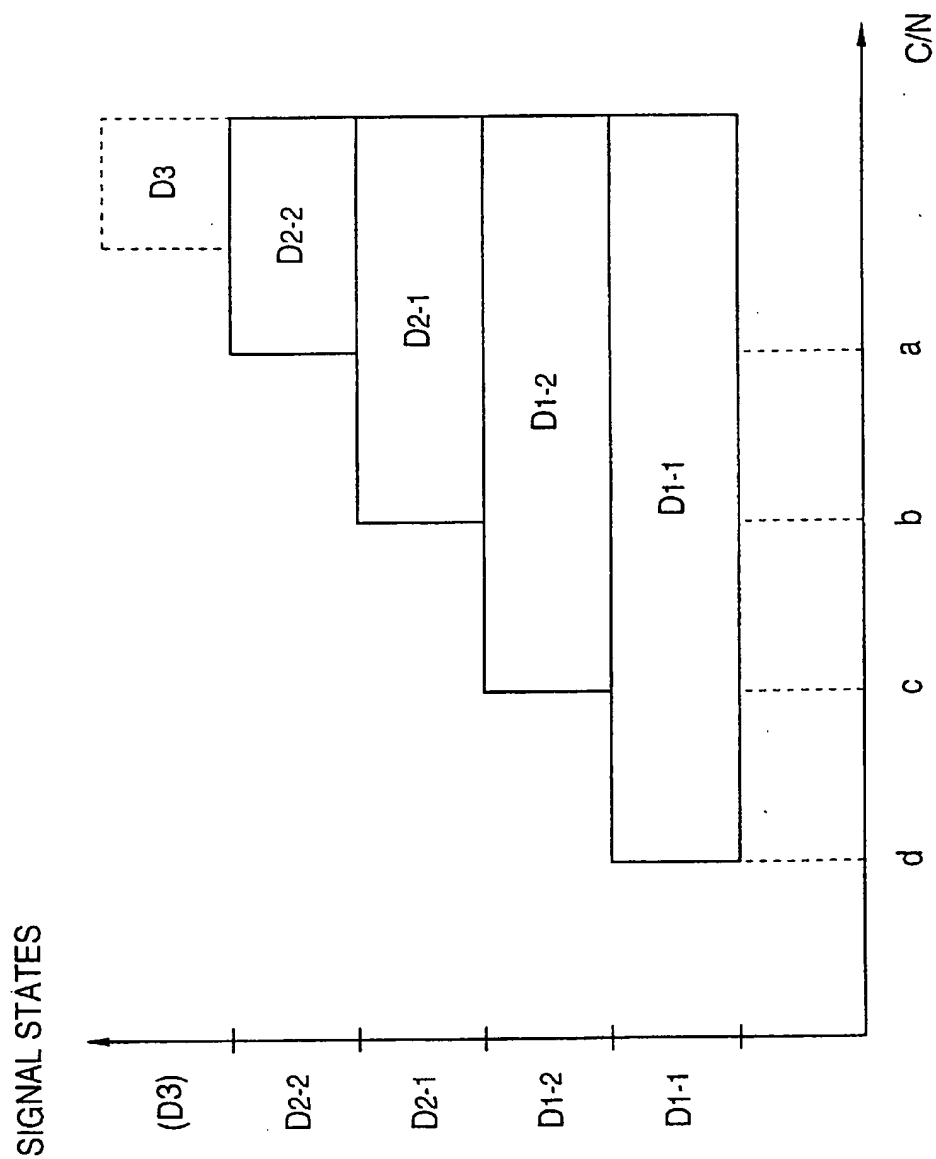
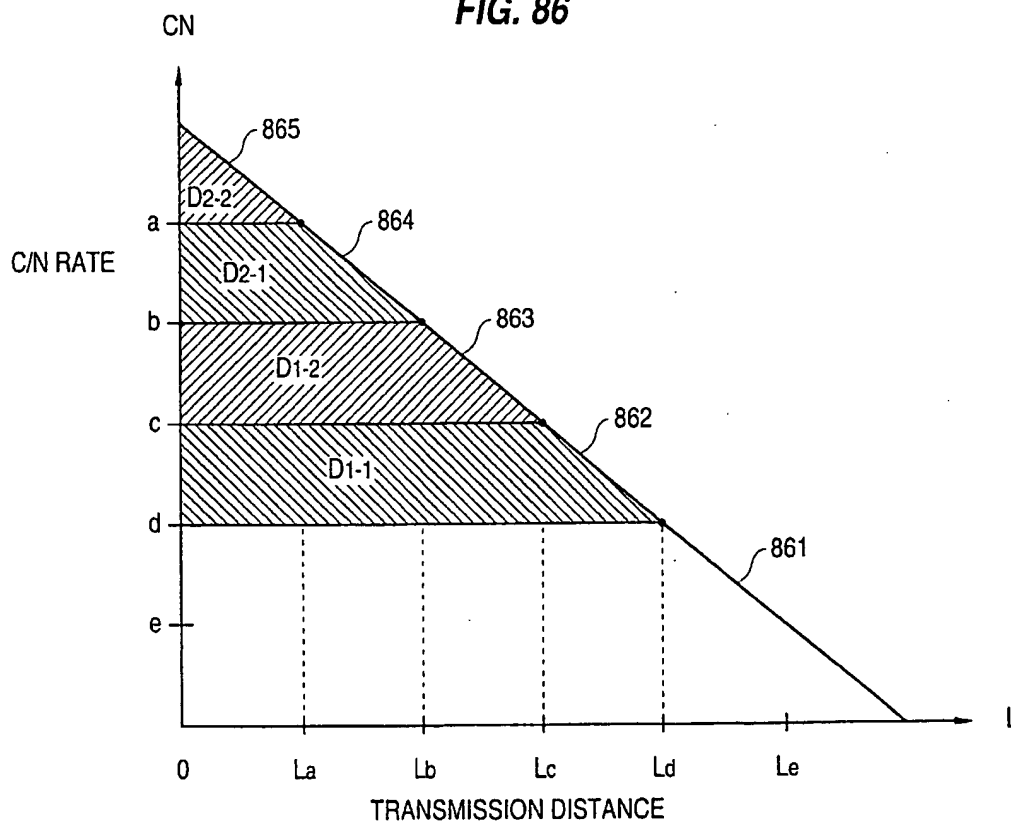


FIG. 86



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FIG. 87

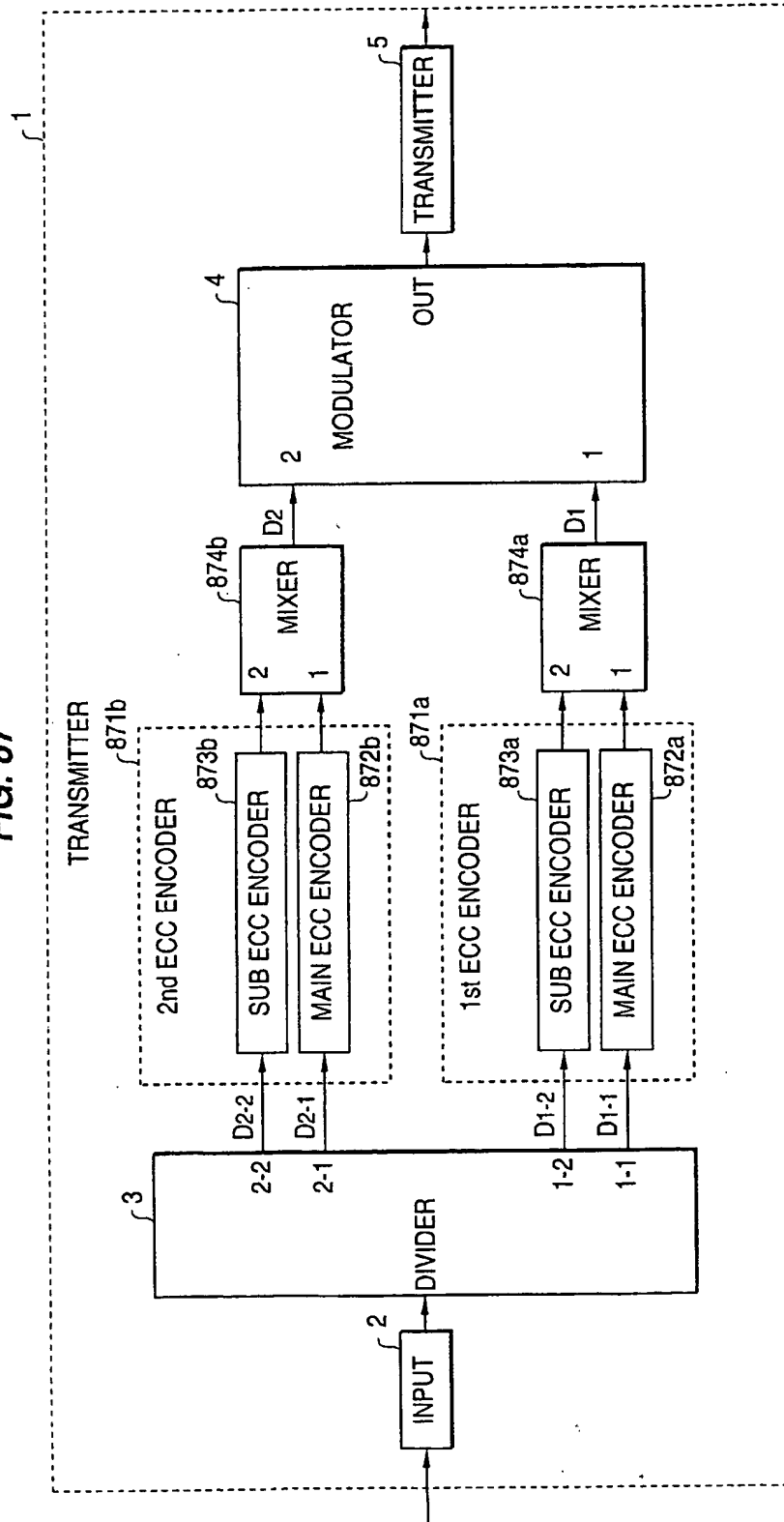
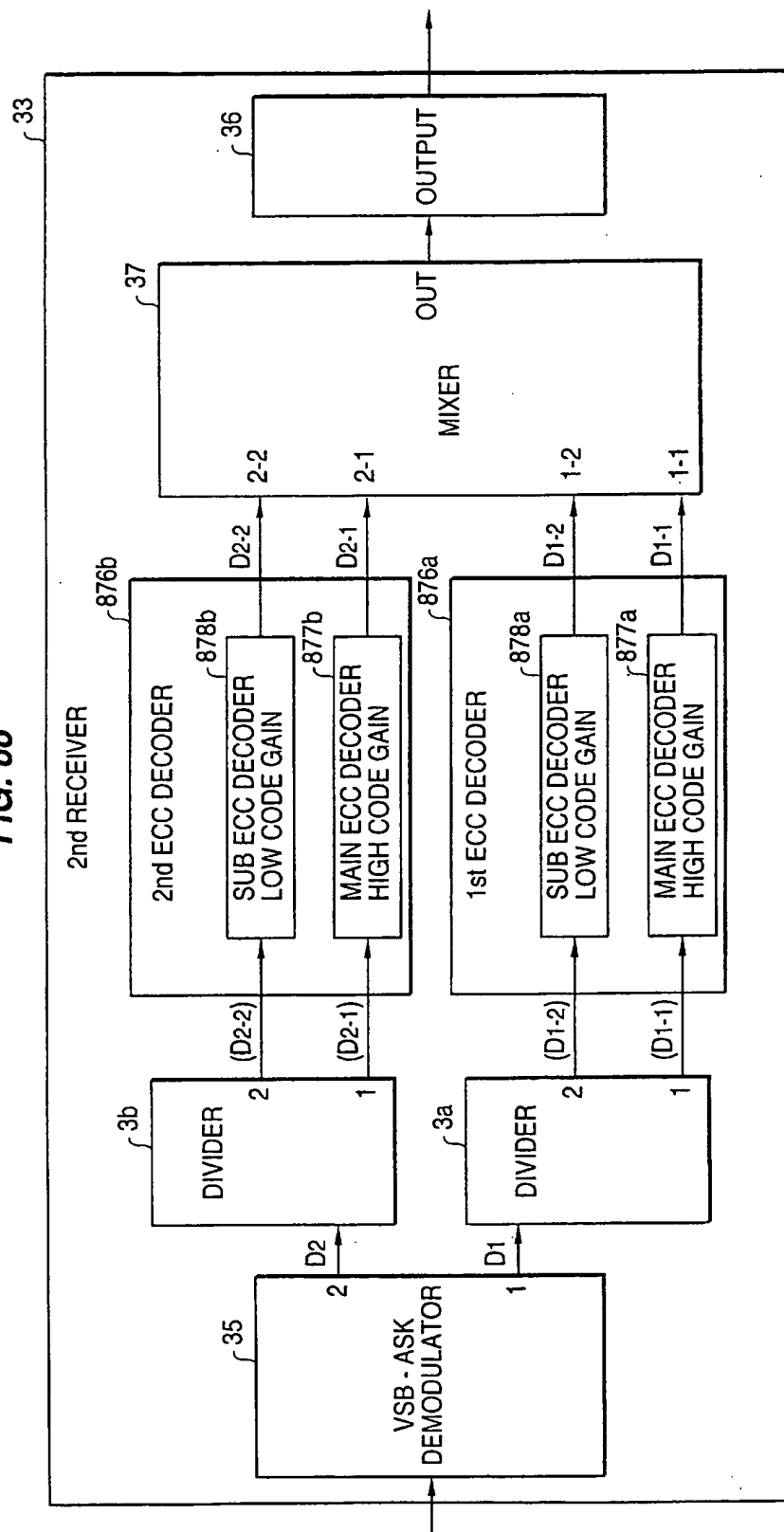


FIG. 88



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FIG. 89

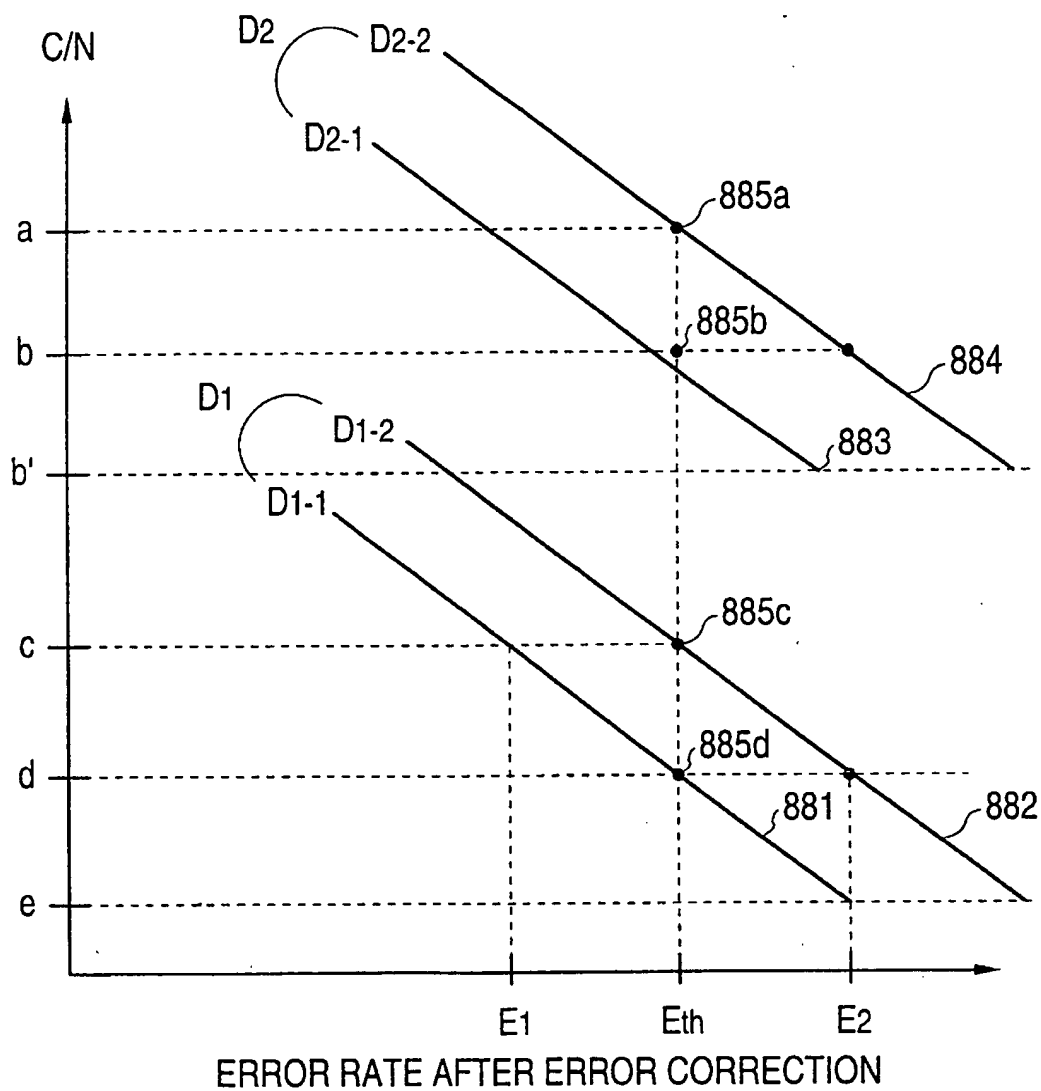
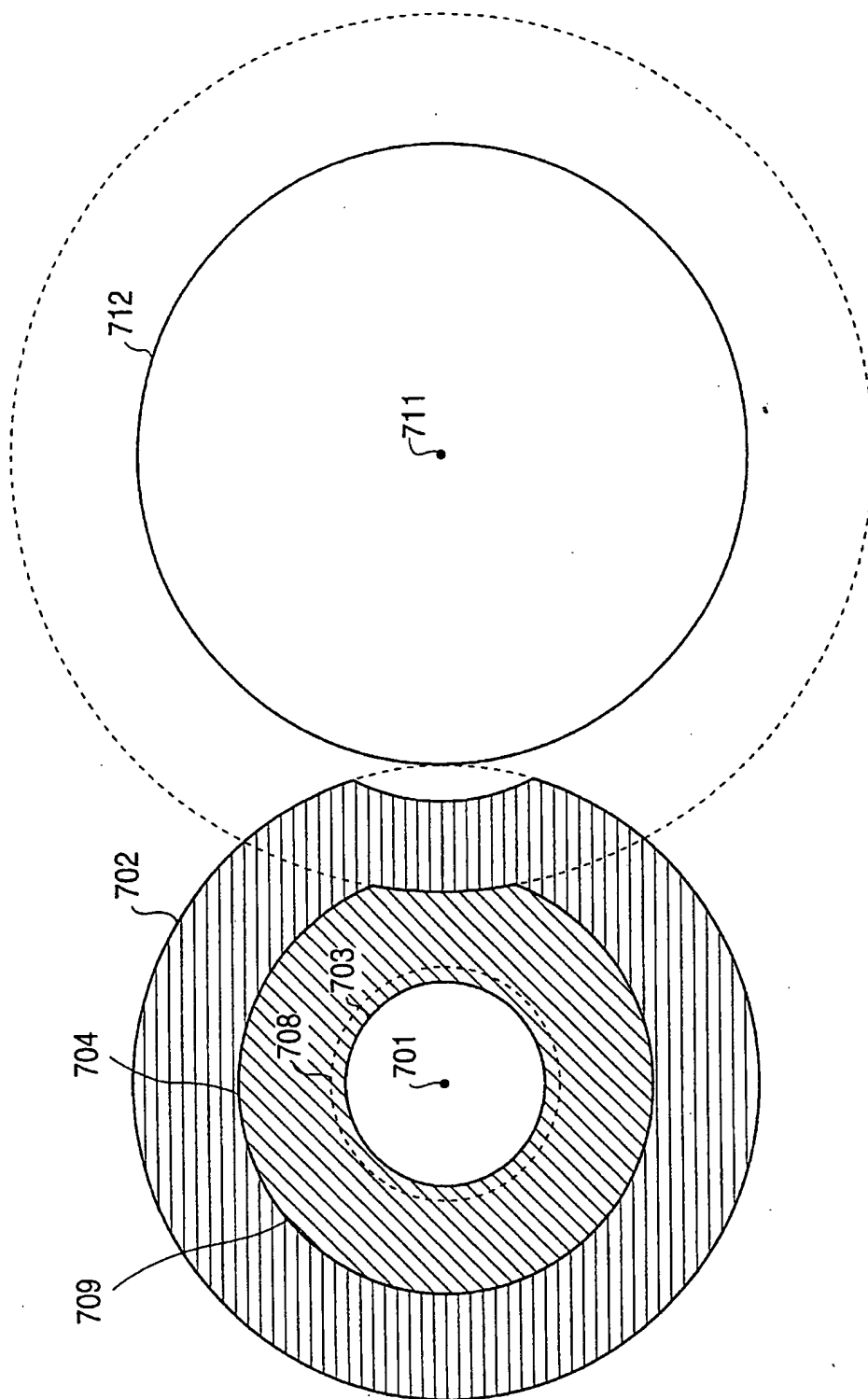
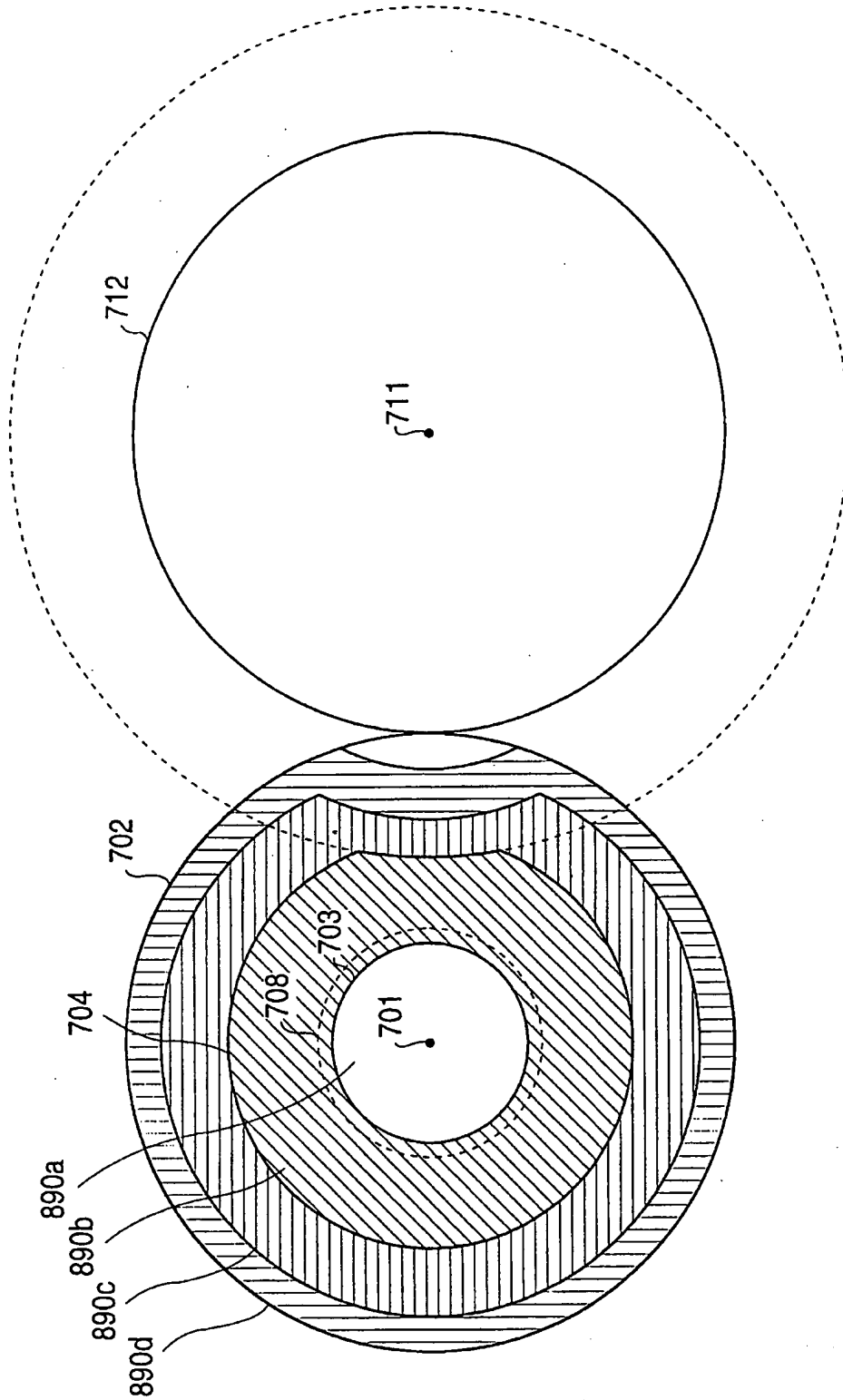


FIG. 90



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FIG. 91



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FIG. 92

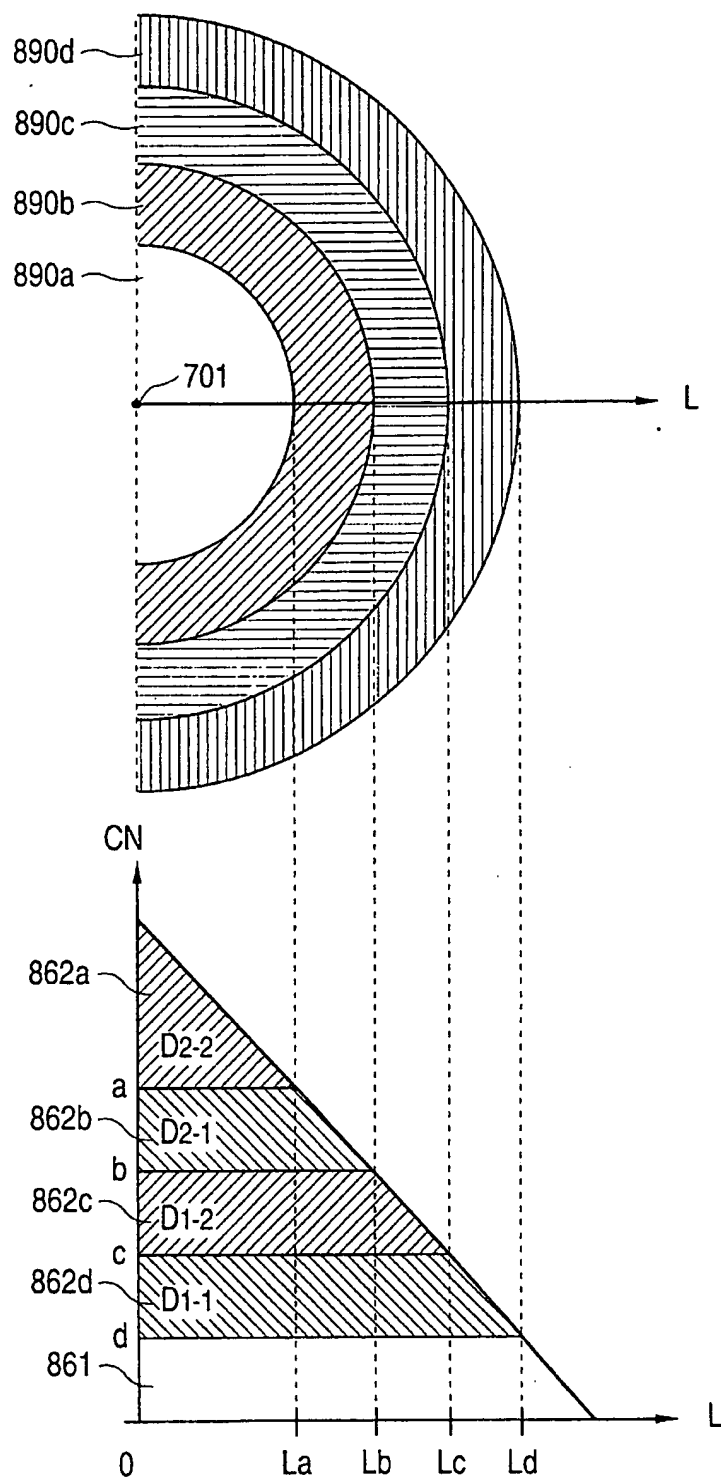


FIG. 93

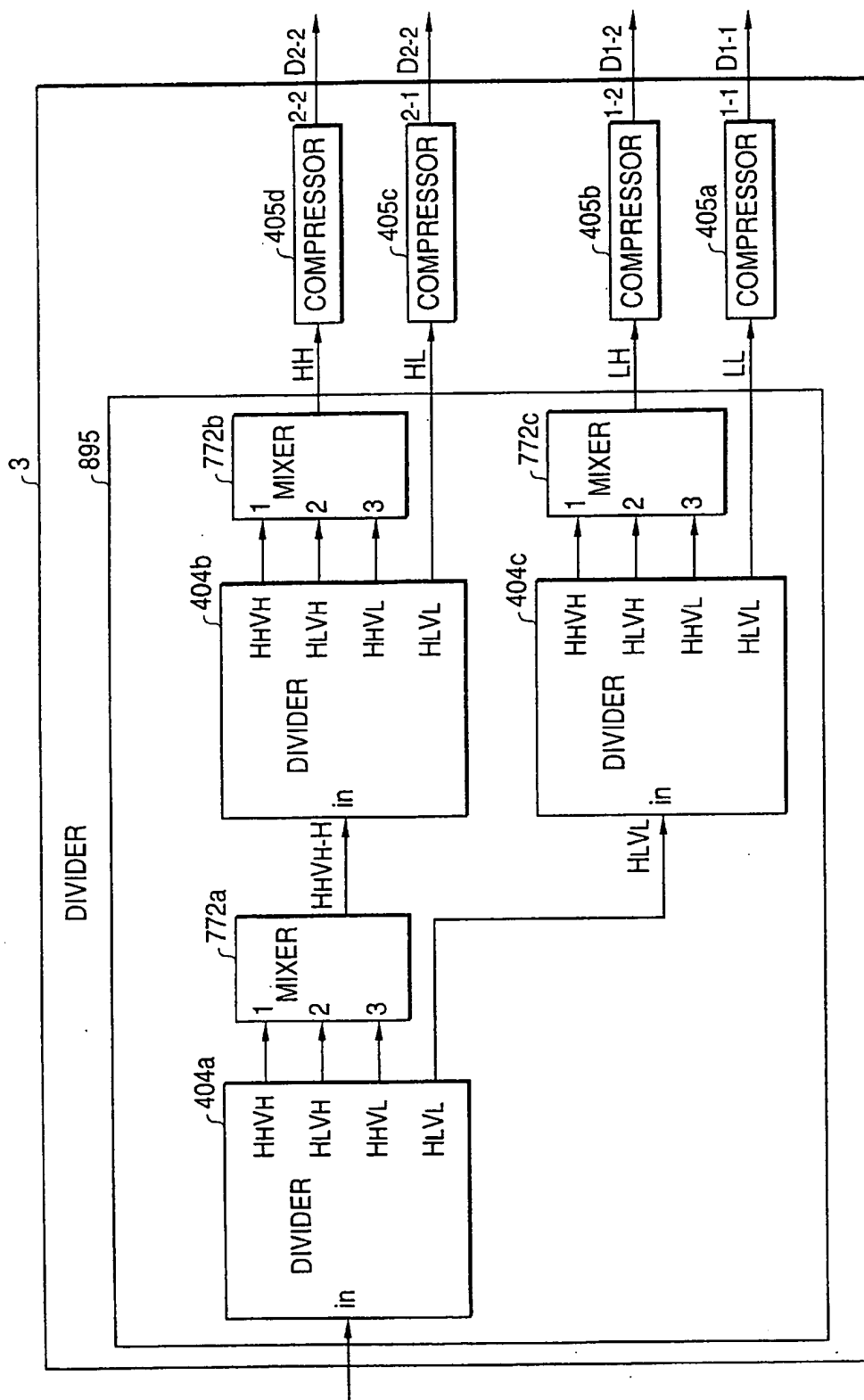


FIG. 94

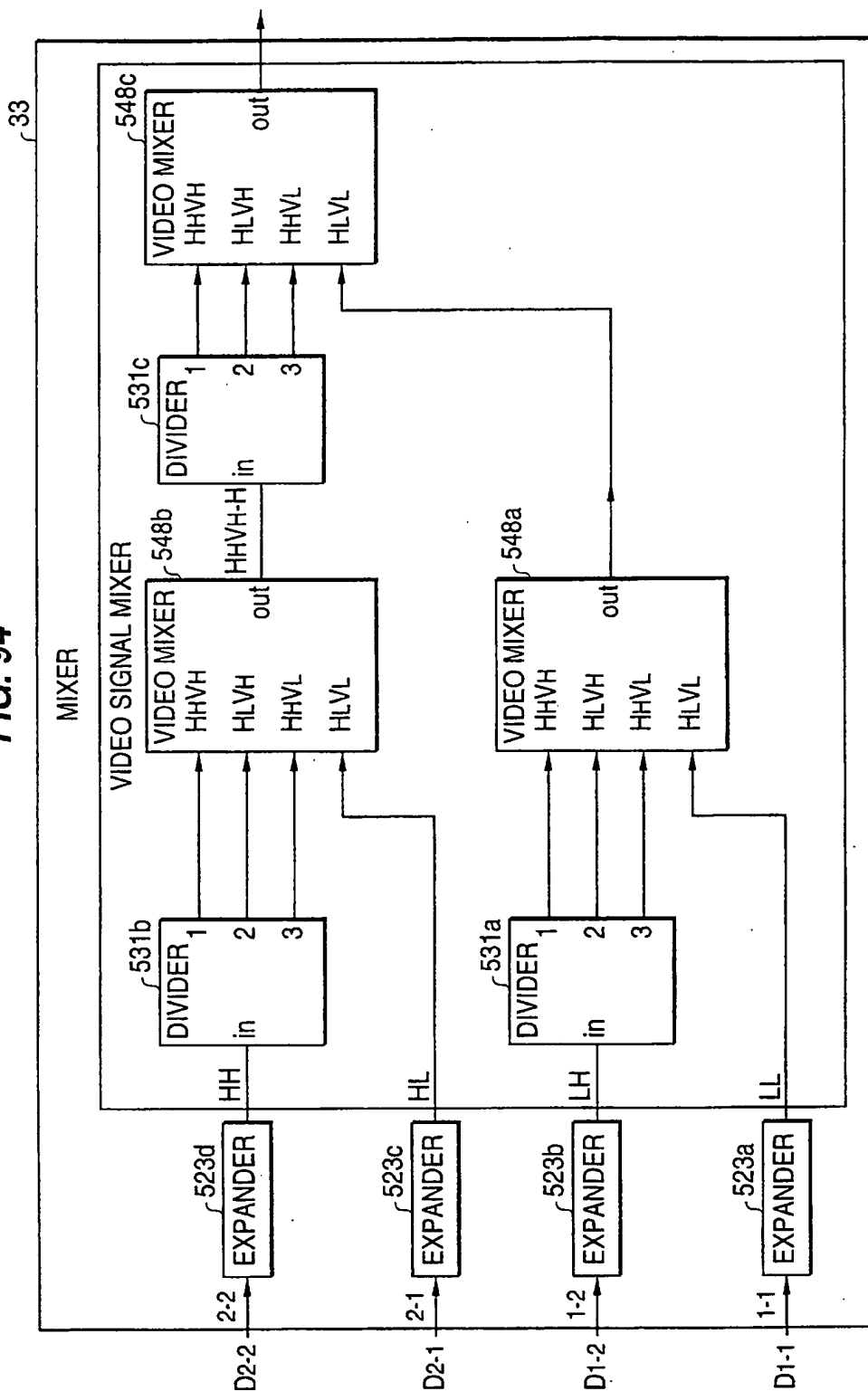


FIG. 95

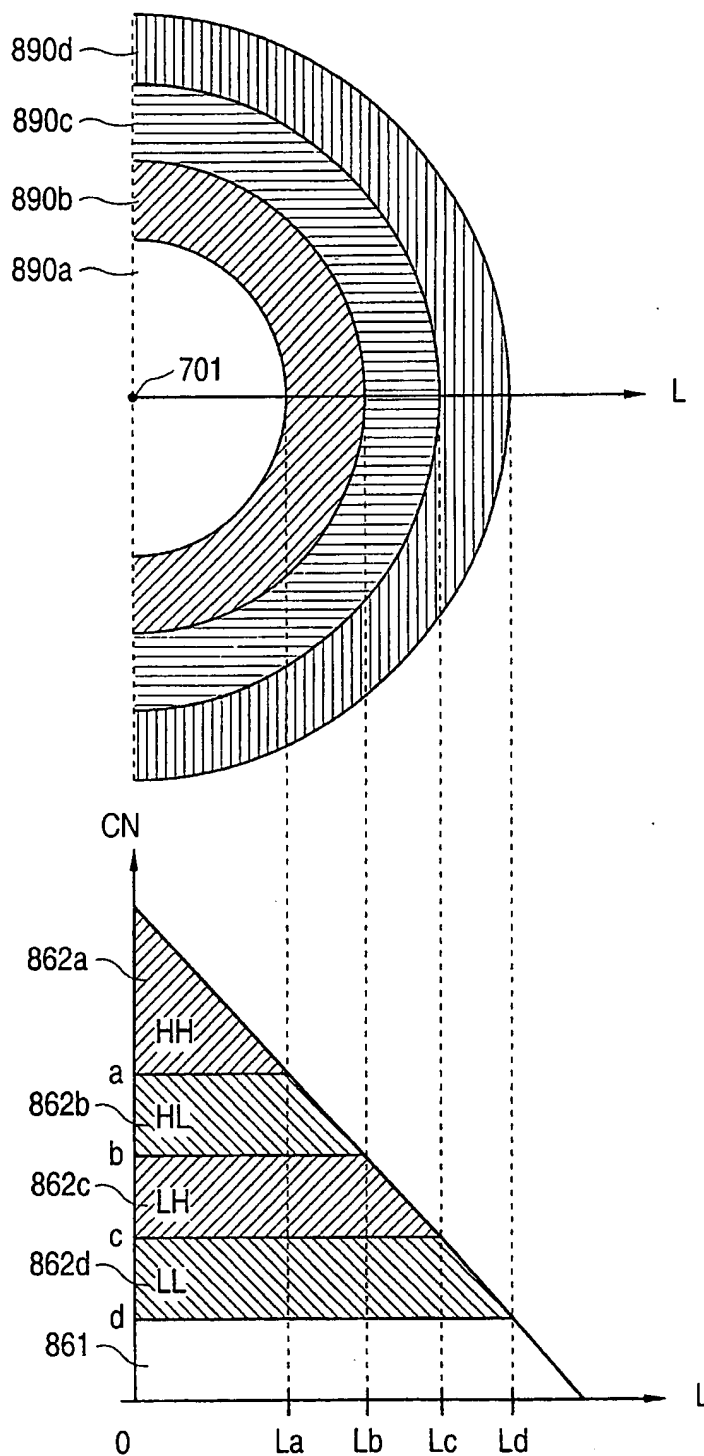


FIG. 96

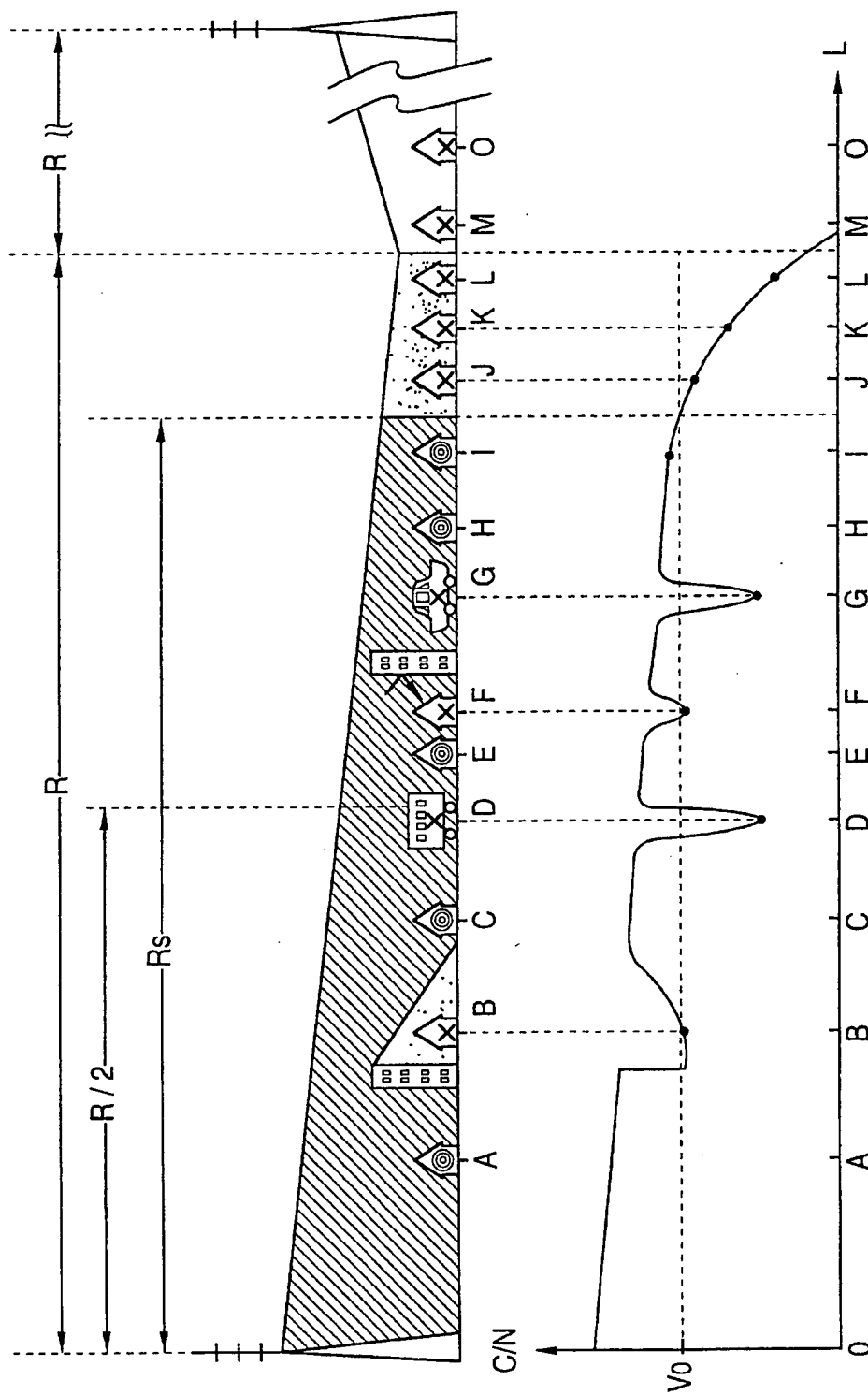


FIG. 97

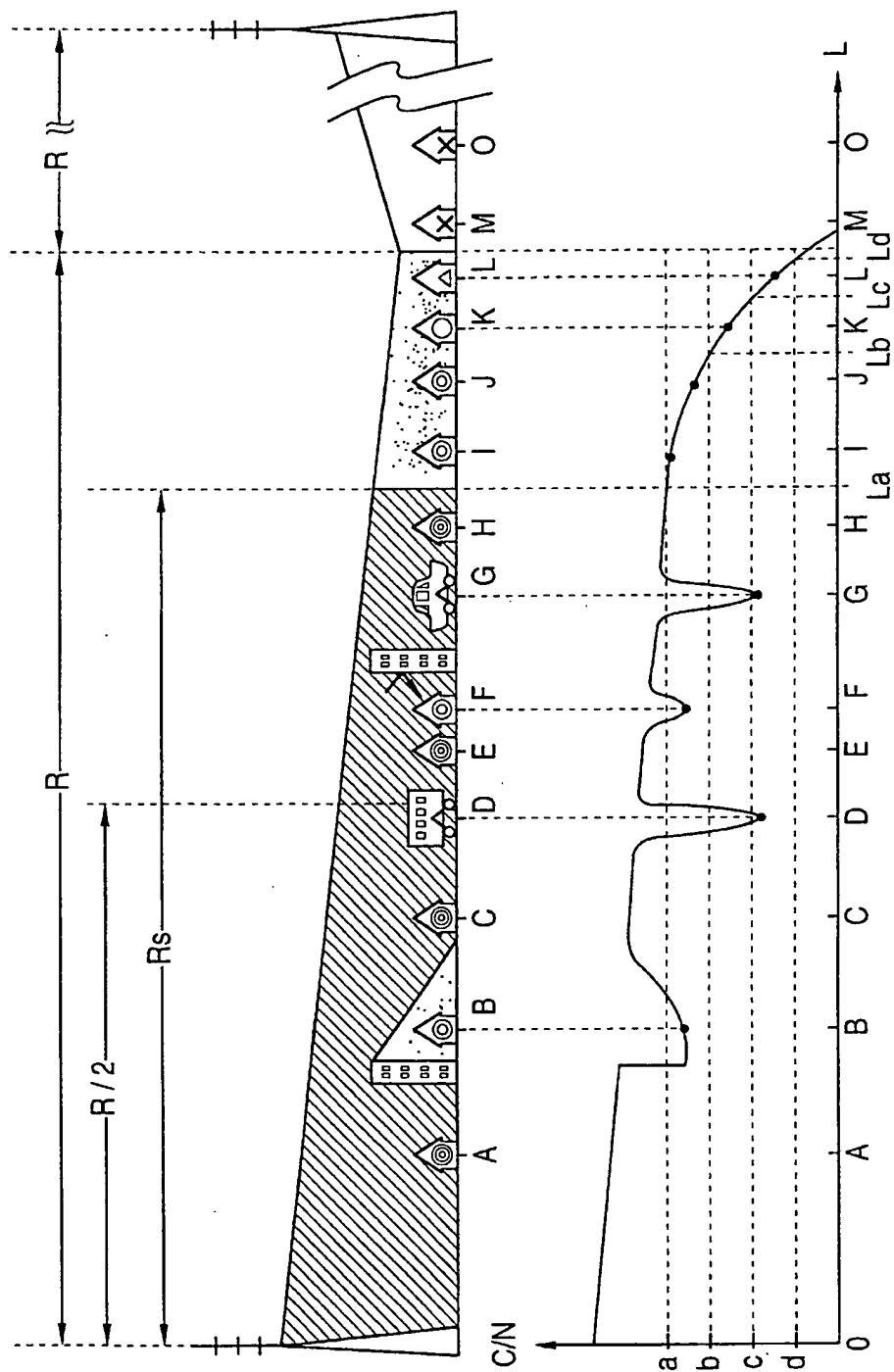
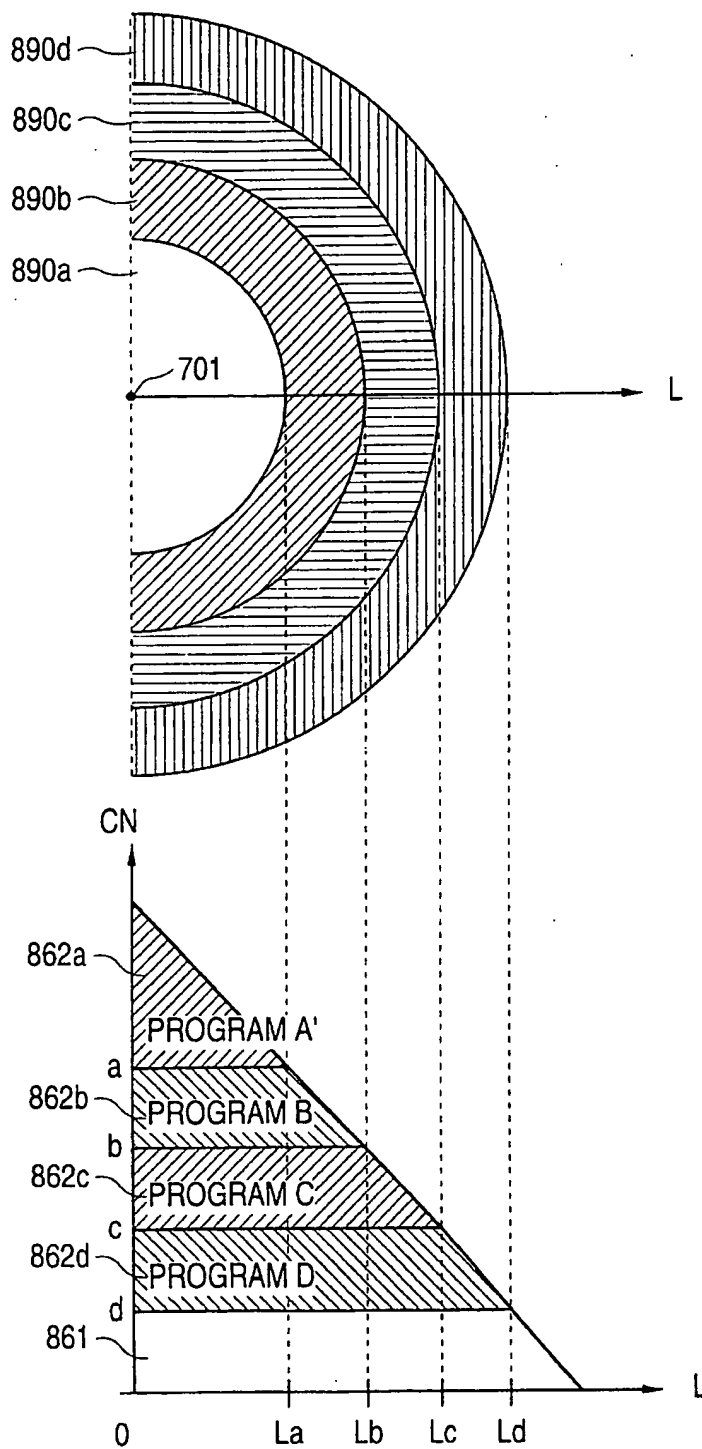
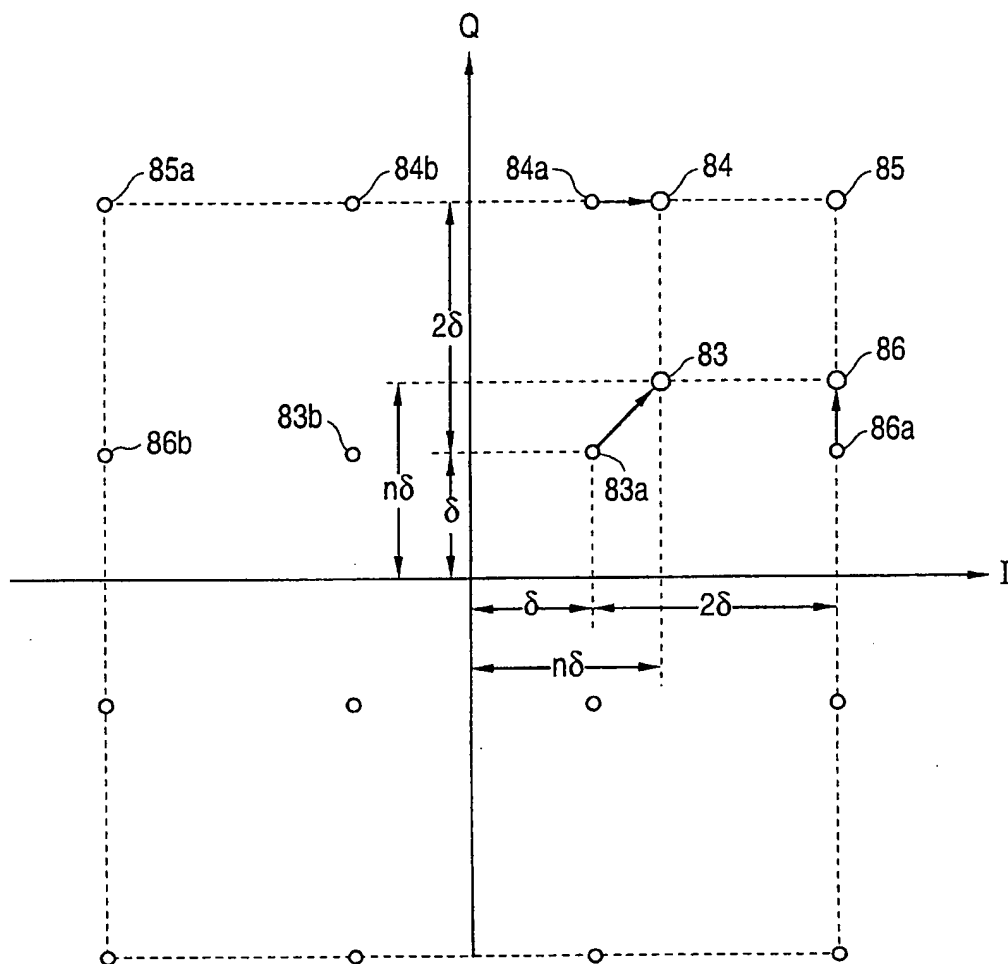


FIG. 98



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FIG. 99



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FIG. 100

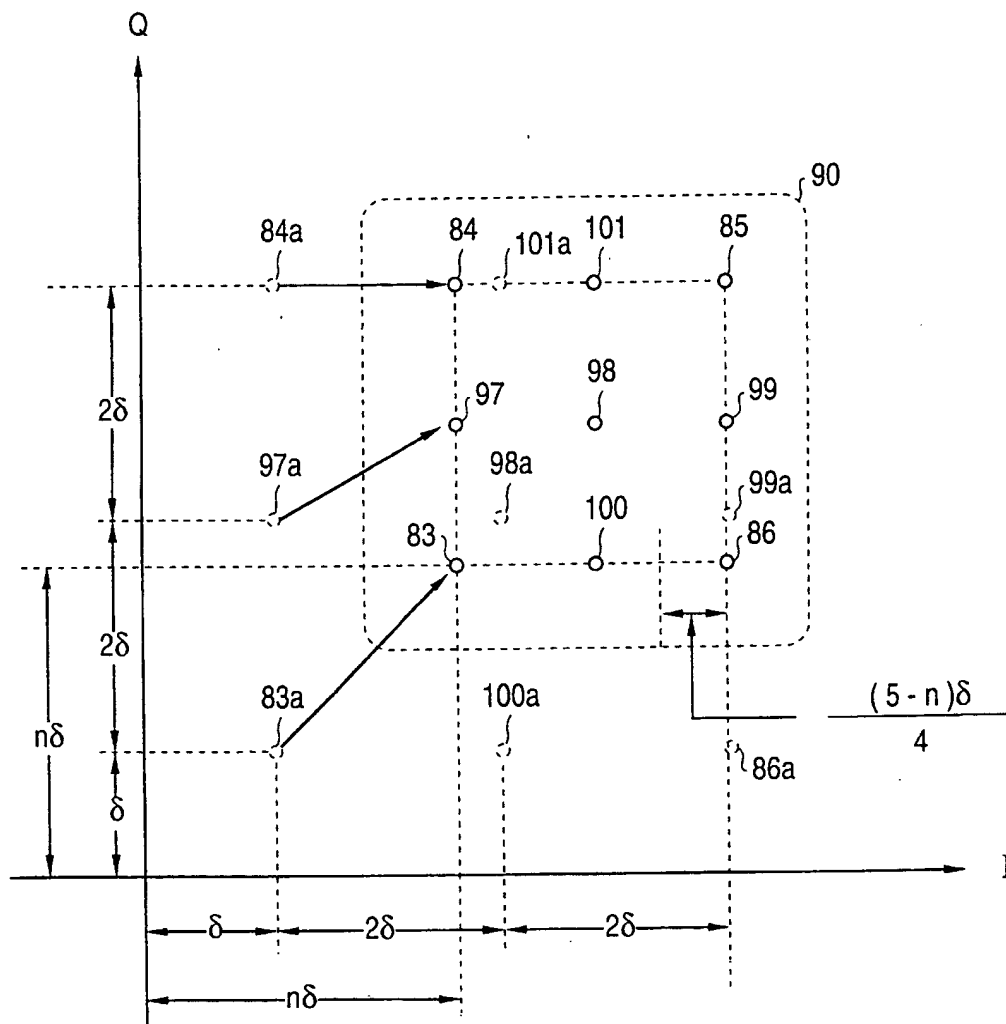
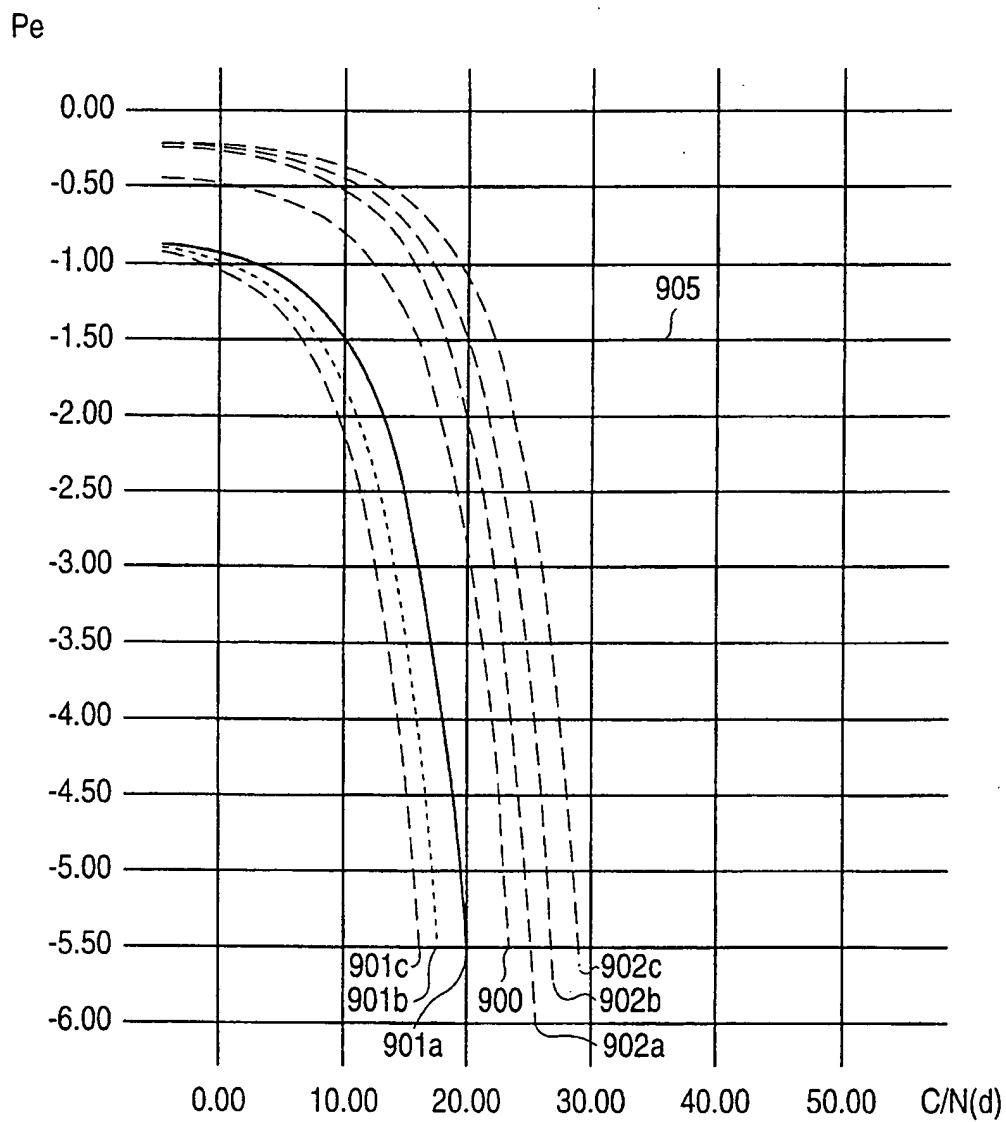


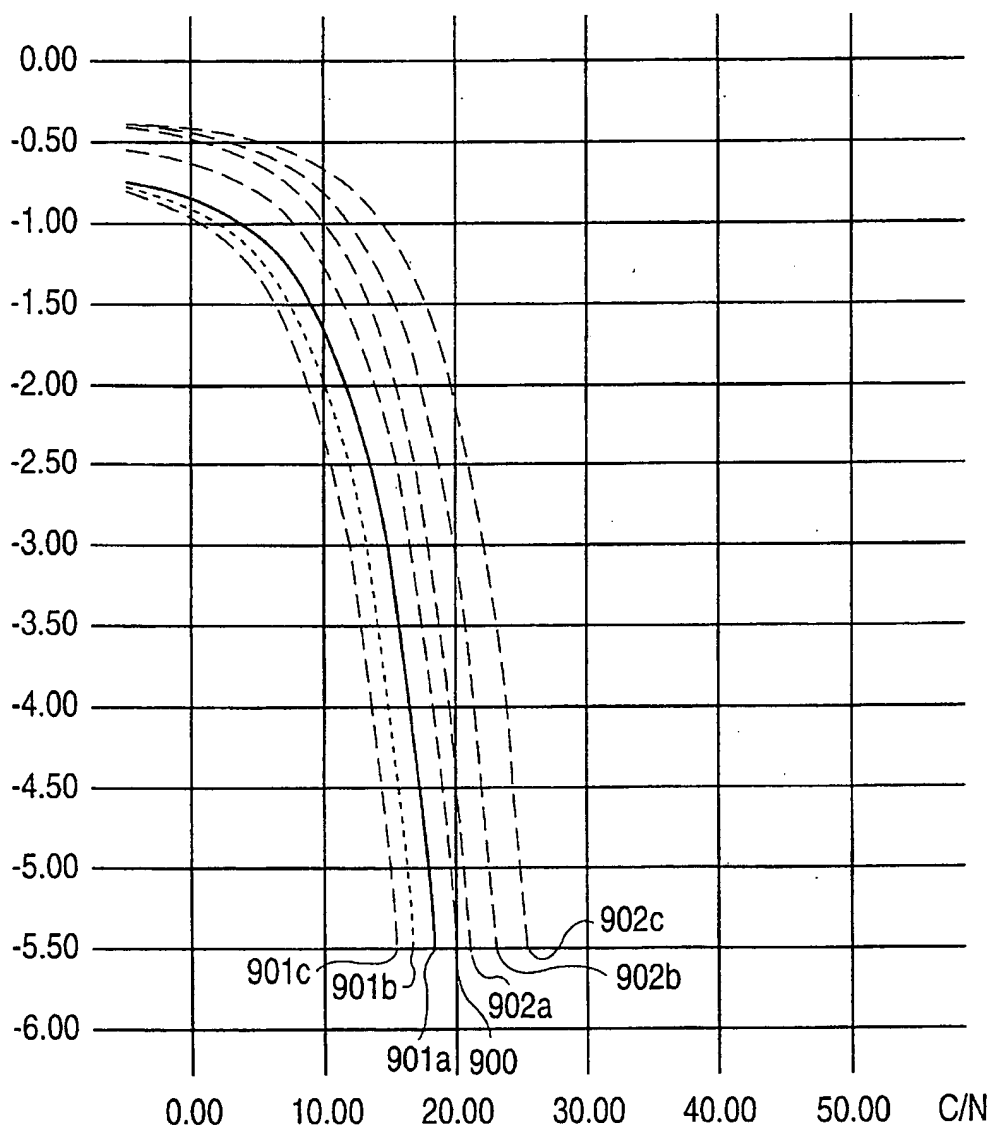
FIG. 101



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FIG. 102

Pe



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FIG. 103

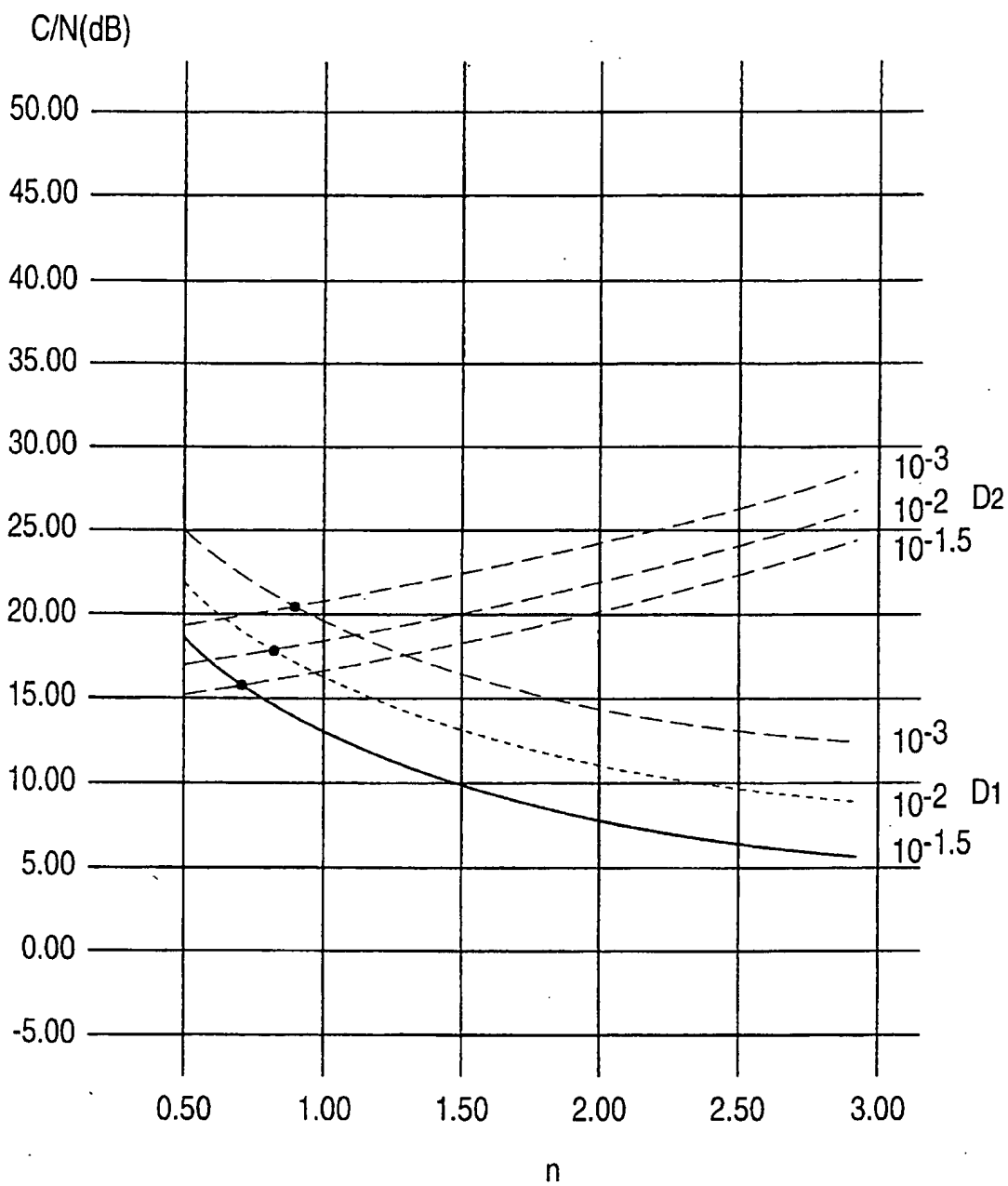


FIG. 104

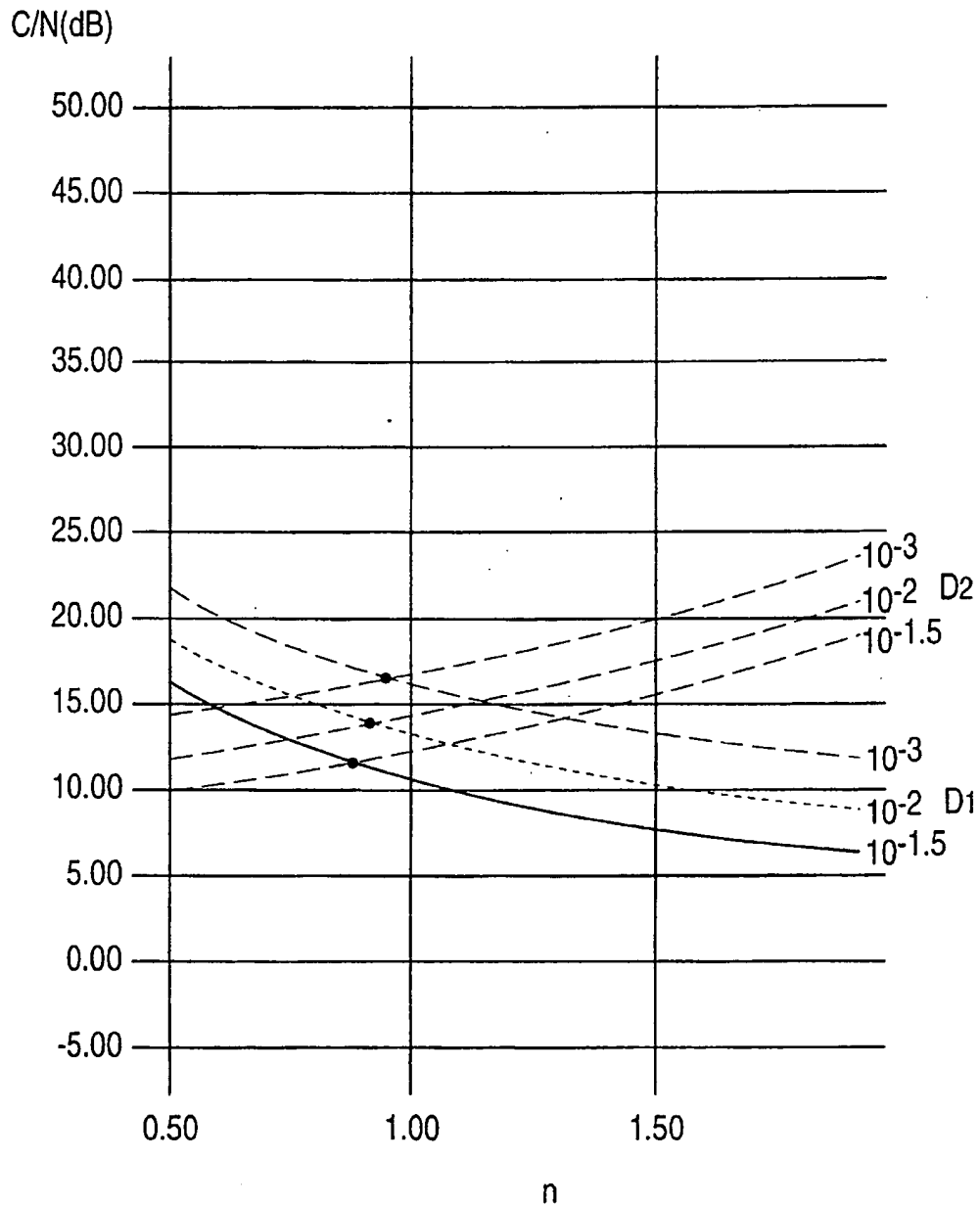


FIG. 105

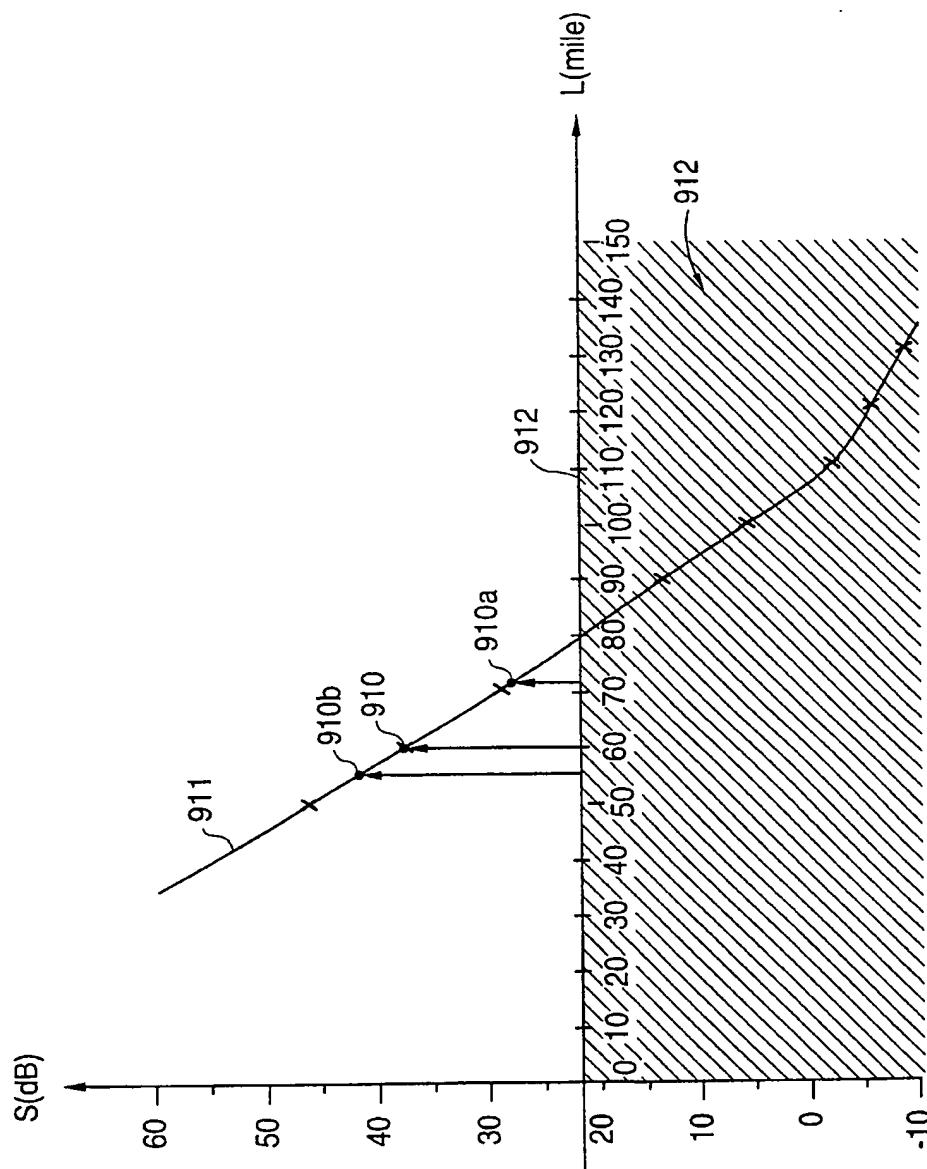


FIG. 106

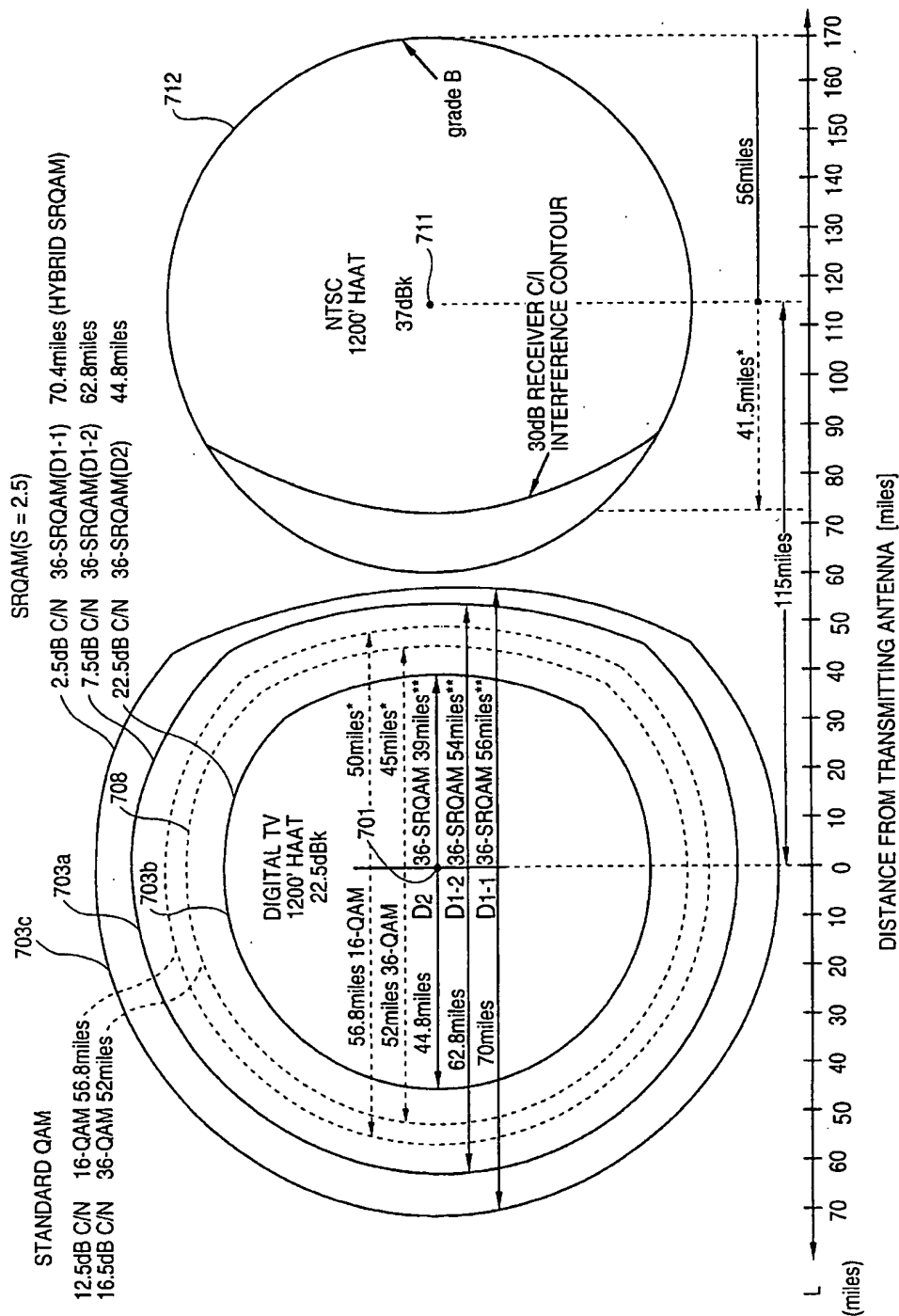


FIG. 107

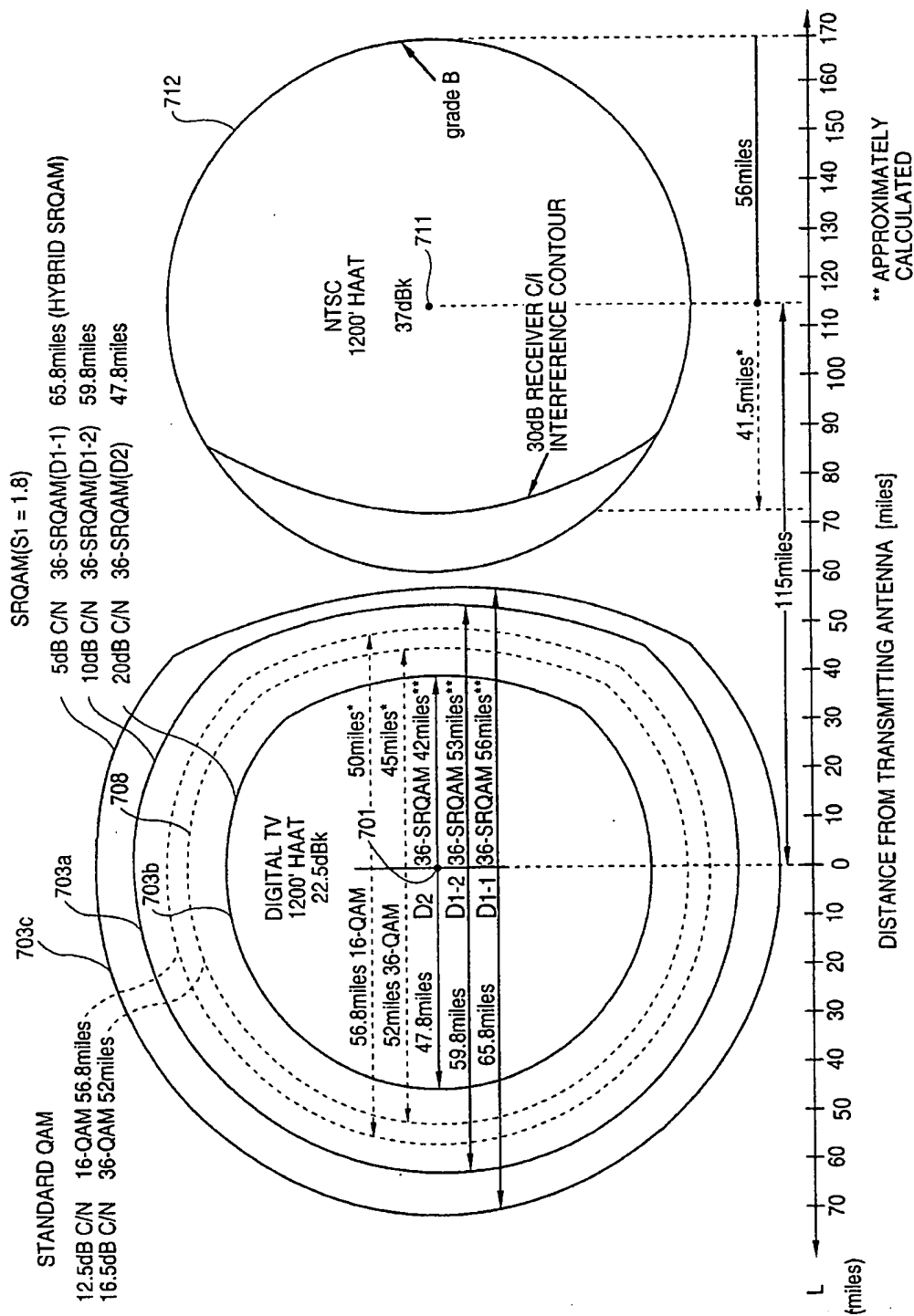


FIG. 108(a)

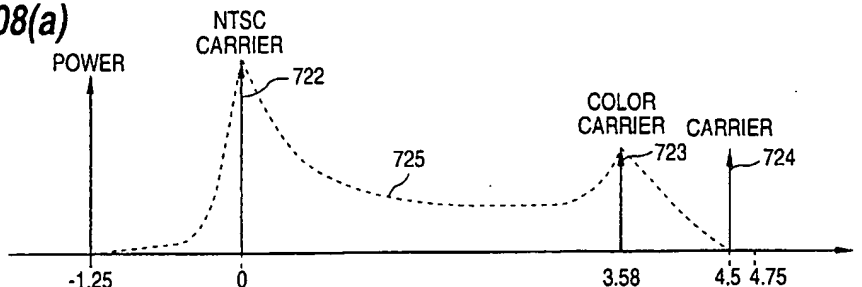


FIG. 108(b)

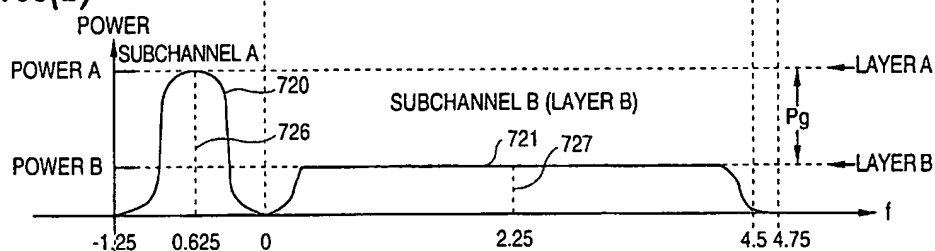


FIG. 108(c)

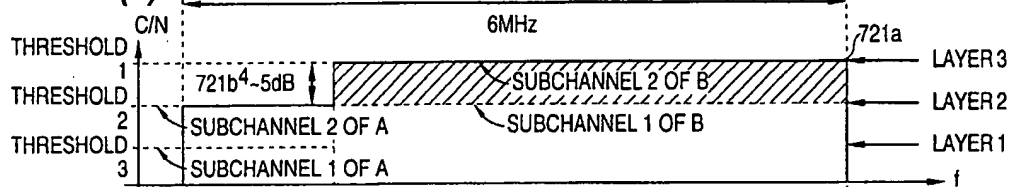


FIG. 108(d)

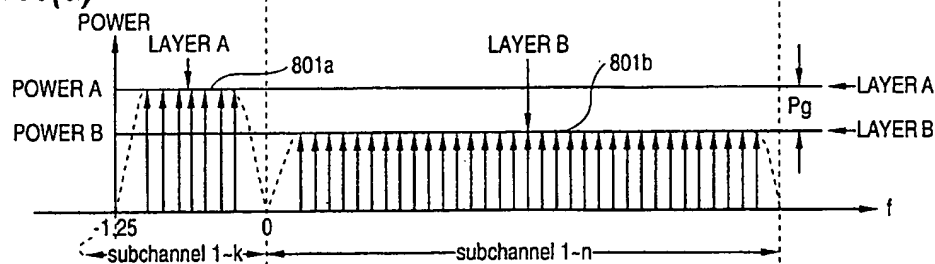


FIG. 108(e)

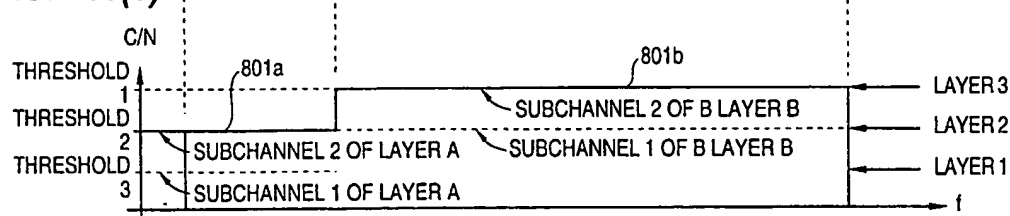


FIG. 109

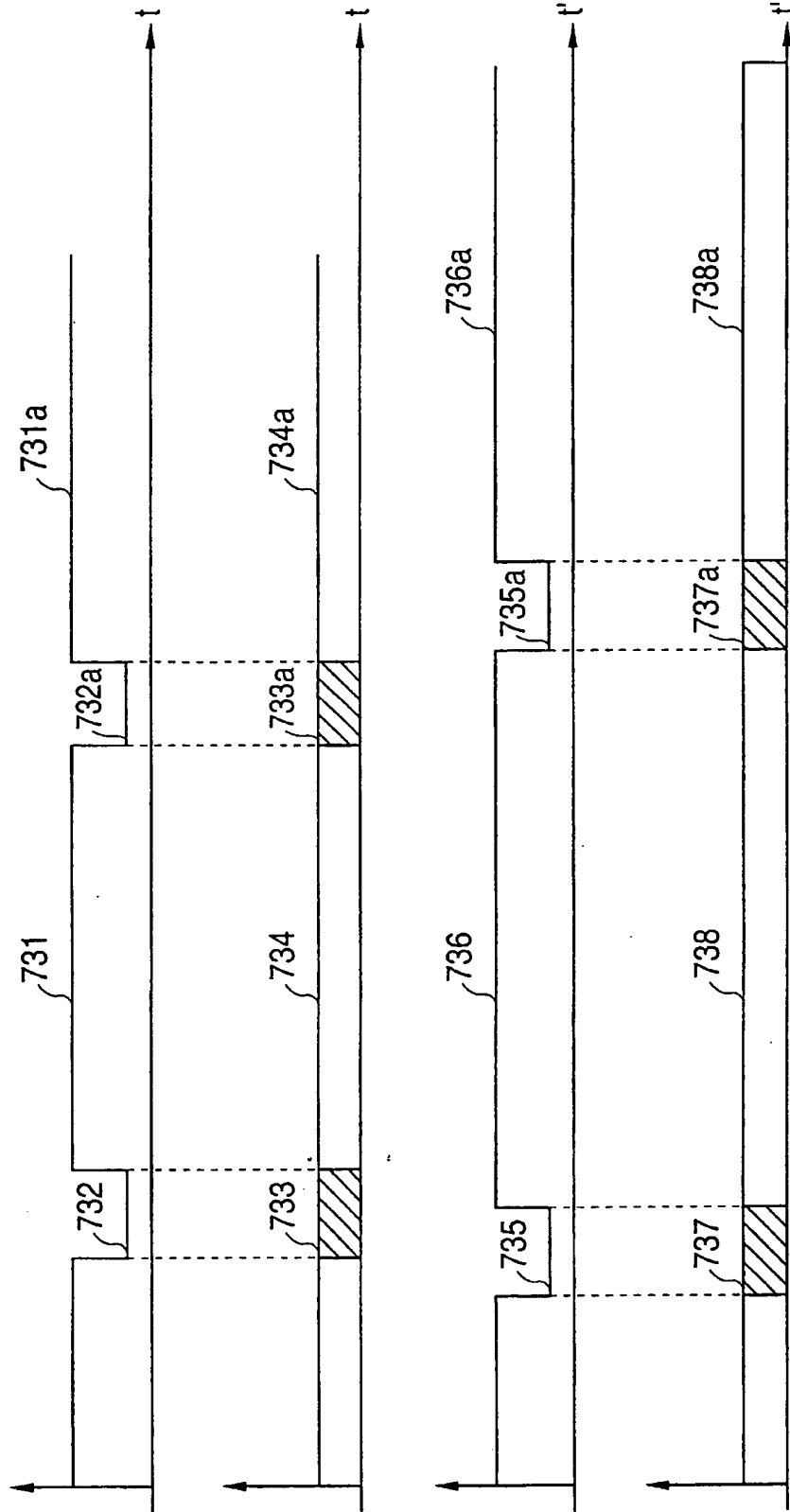


FIG. 110

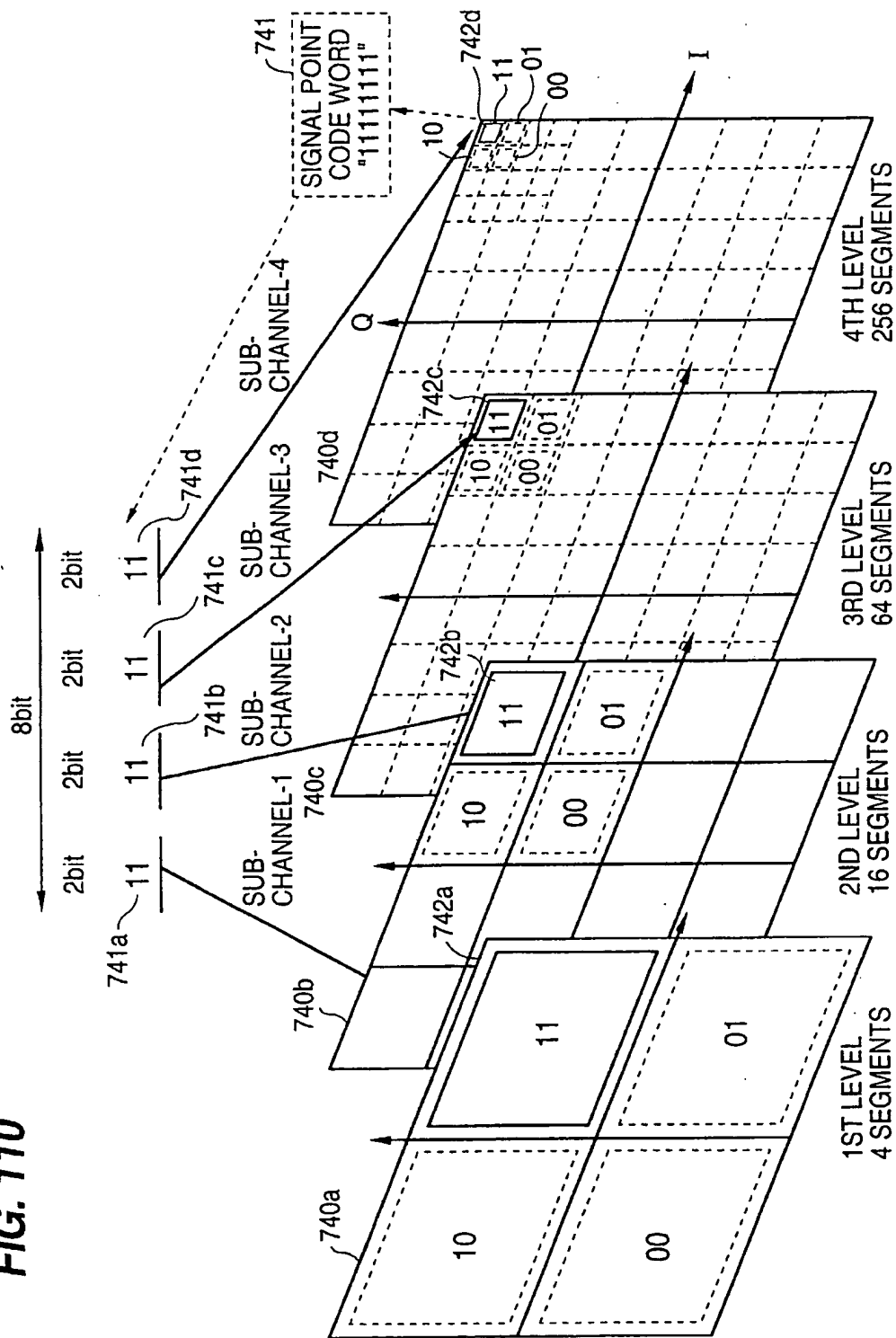
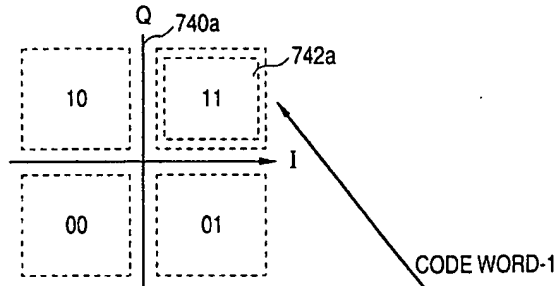
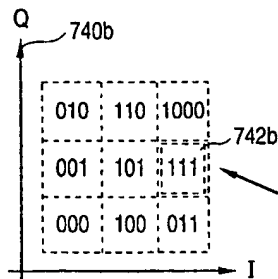


FIG. 111

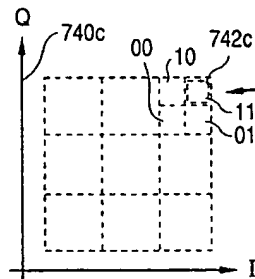
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



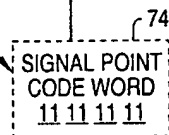
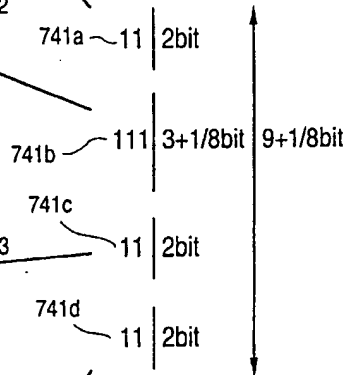
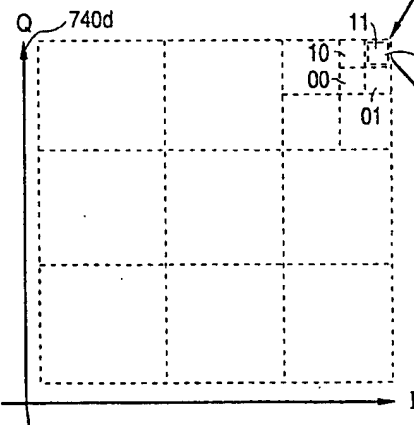
SUBCHANNEL-2 (36-SRQAM:D2 = 3bit + 1/8bit)



SUBCHANNEL-3 (144-SRQAM:D3 = 2bit)



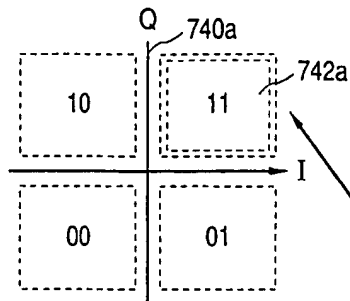
SUBCHANNEL-4 (576-SRQAM:D4 = 2bit)



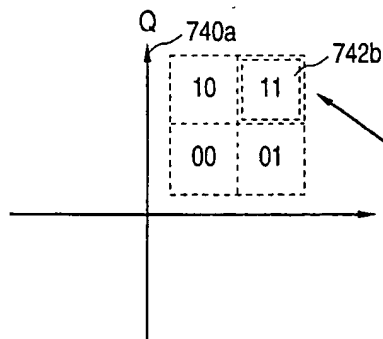
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FIG. 112

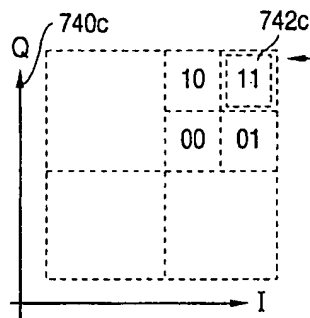
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



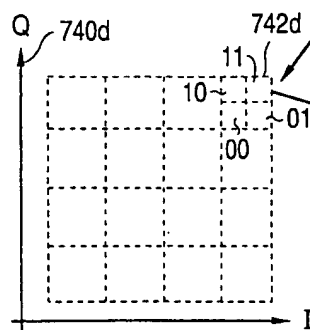
SUBCHANNEL-2 (16-SRQAM:D2 = 2bit)



SUBCHANNEL-3 (64-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (256-SRQAM:D4 = 2bit)

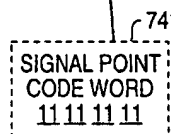
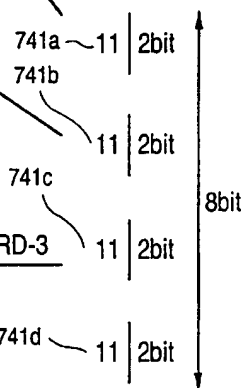


CODE WORD-1

CODE WORD-2

CODE WORD-3

CODE WORD-4



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FIG. 113

The graph plots Signal Level against Frequency (MHz) and Recording Wavelength (μm). The frequency axis is marked with 0, f_c , f_p , and f_{BIAS} . The wavelength axis is marked with λ and $\lambda/2$. The graph shows several curves: a solid line labeled 859, a dashed line labeled 859c, a dotted line labeled 859d, and two horizontal lines labeled 859a and 859b. Three thresholds are indicated: THRESHOLD 1-1, THRESHOLD 1-2, and THRESHOLD 2, with 6dB increments marked between them. The curves show a sharp increase in signal level at f_c and f_p , and a sharp decrease at f_{BIAS} .

RECORDING WAVELENGTH (μm)

FIG. 114

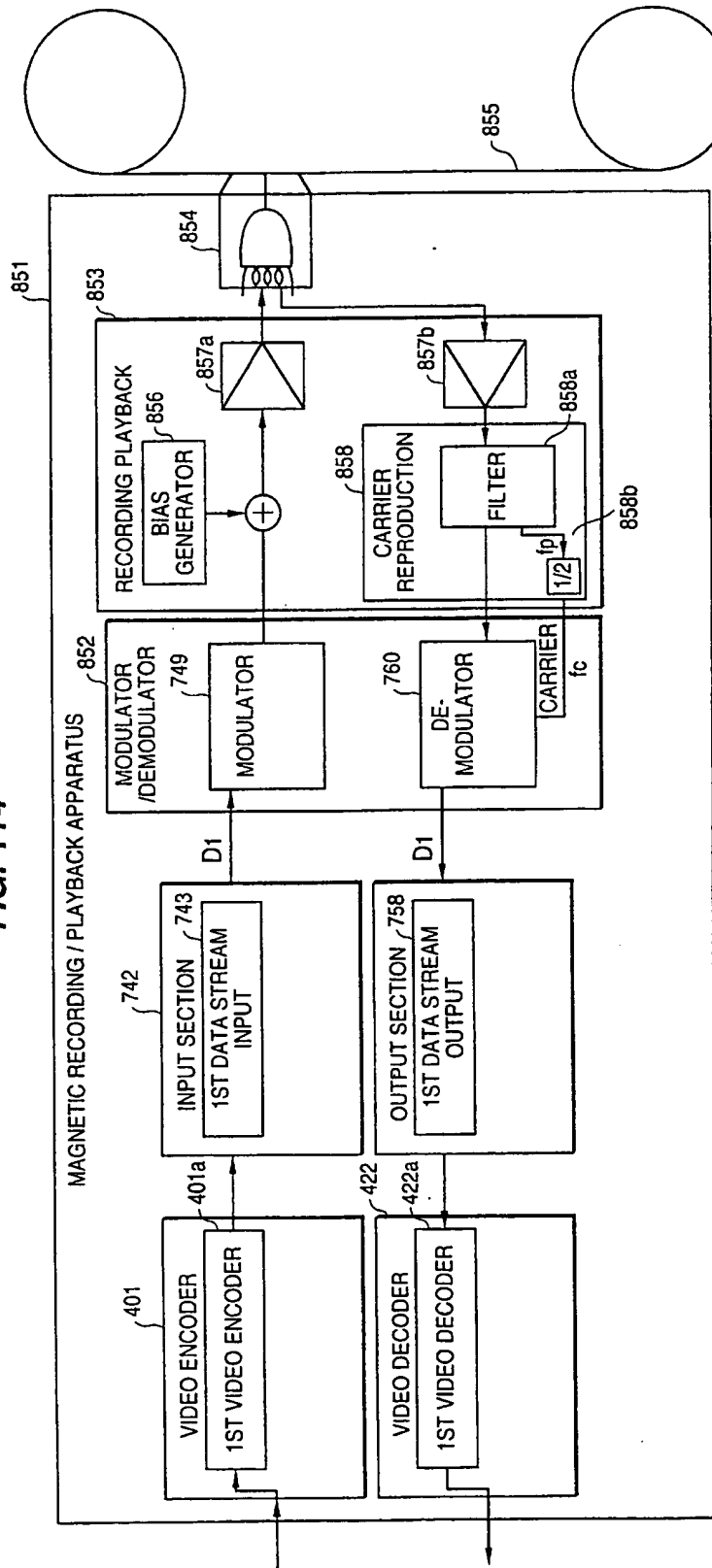


FIG. 115

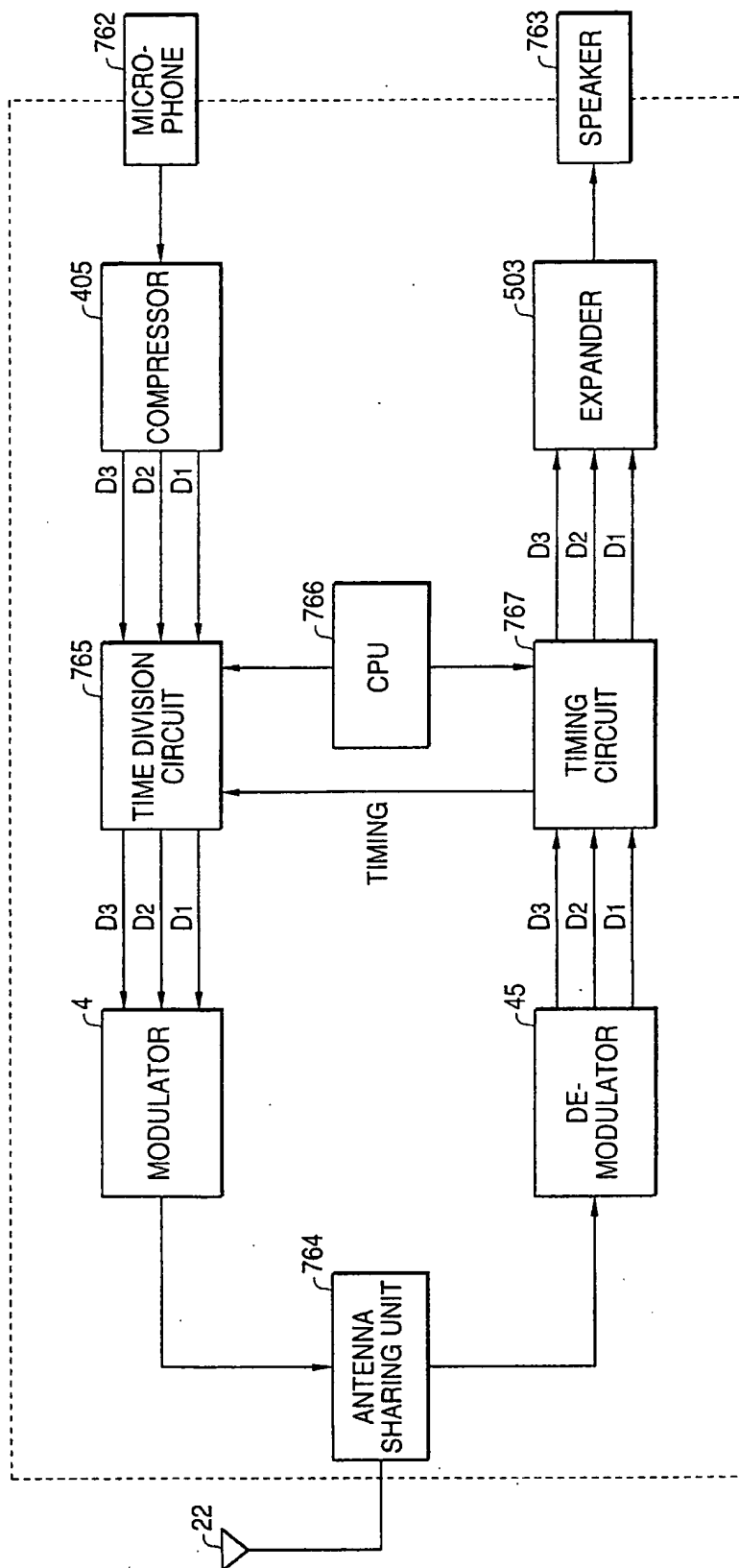


FIG. 116

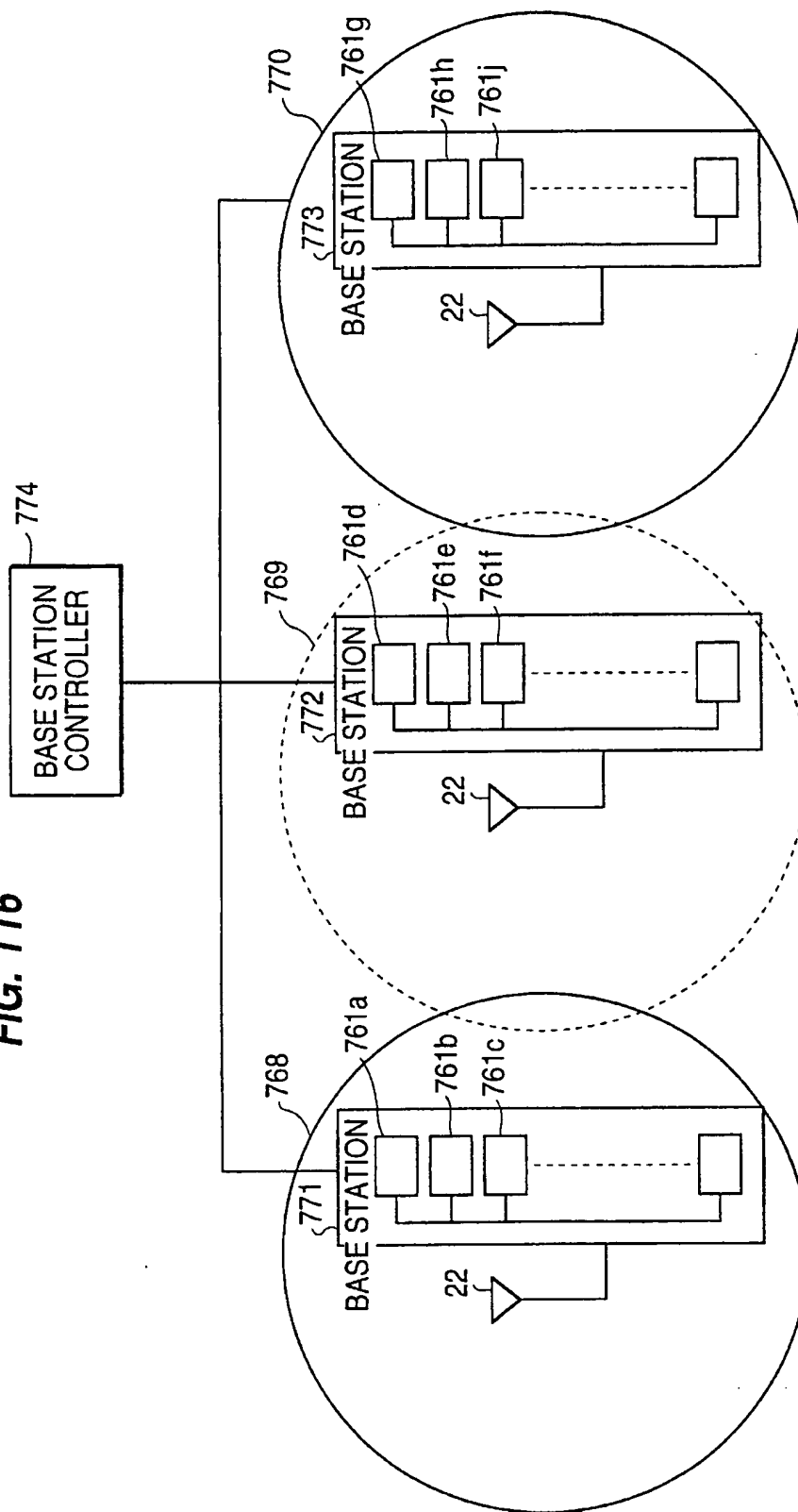
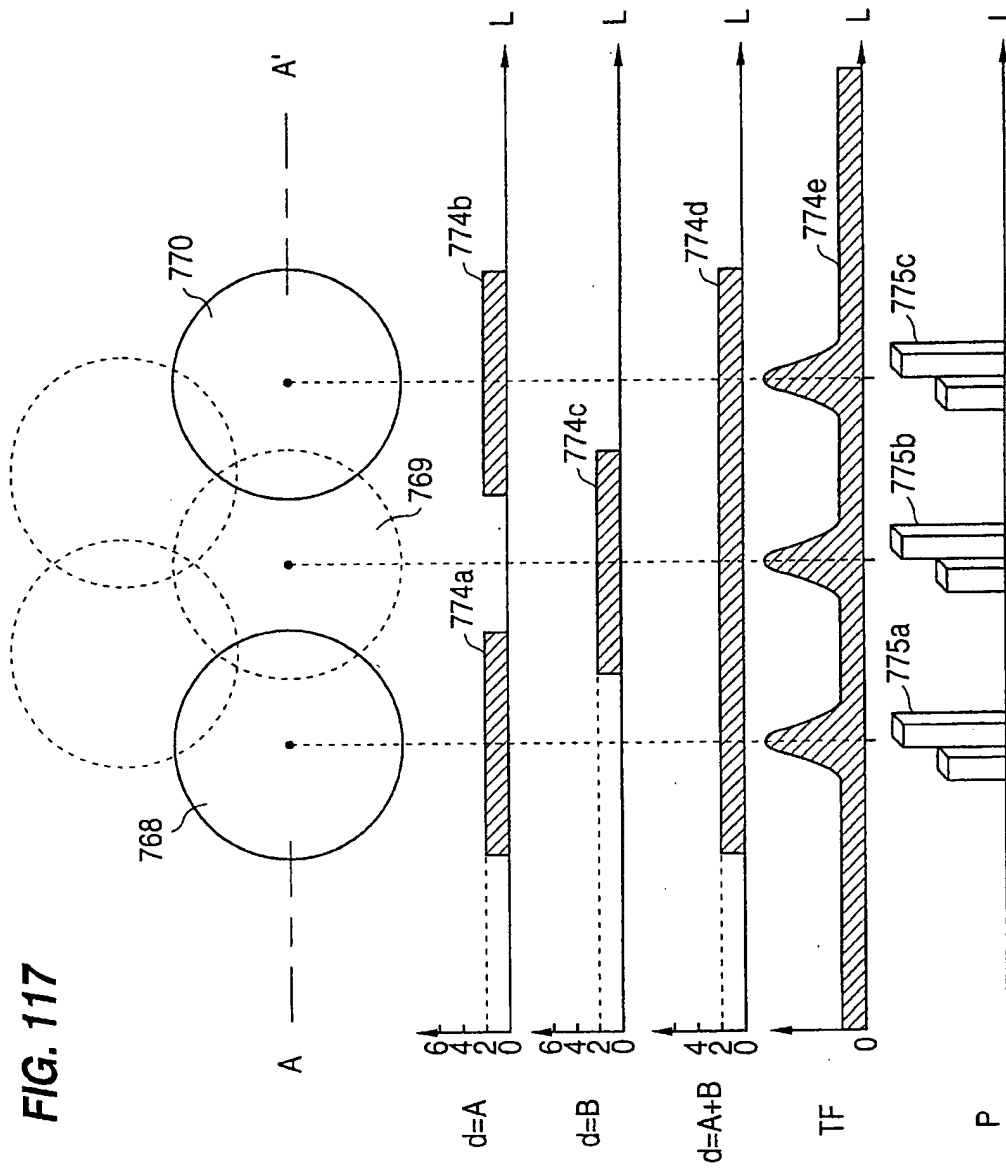
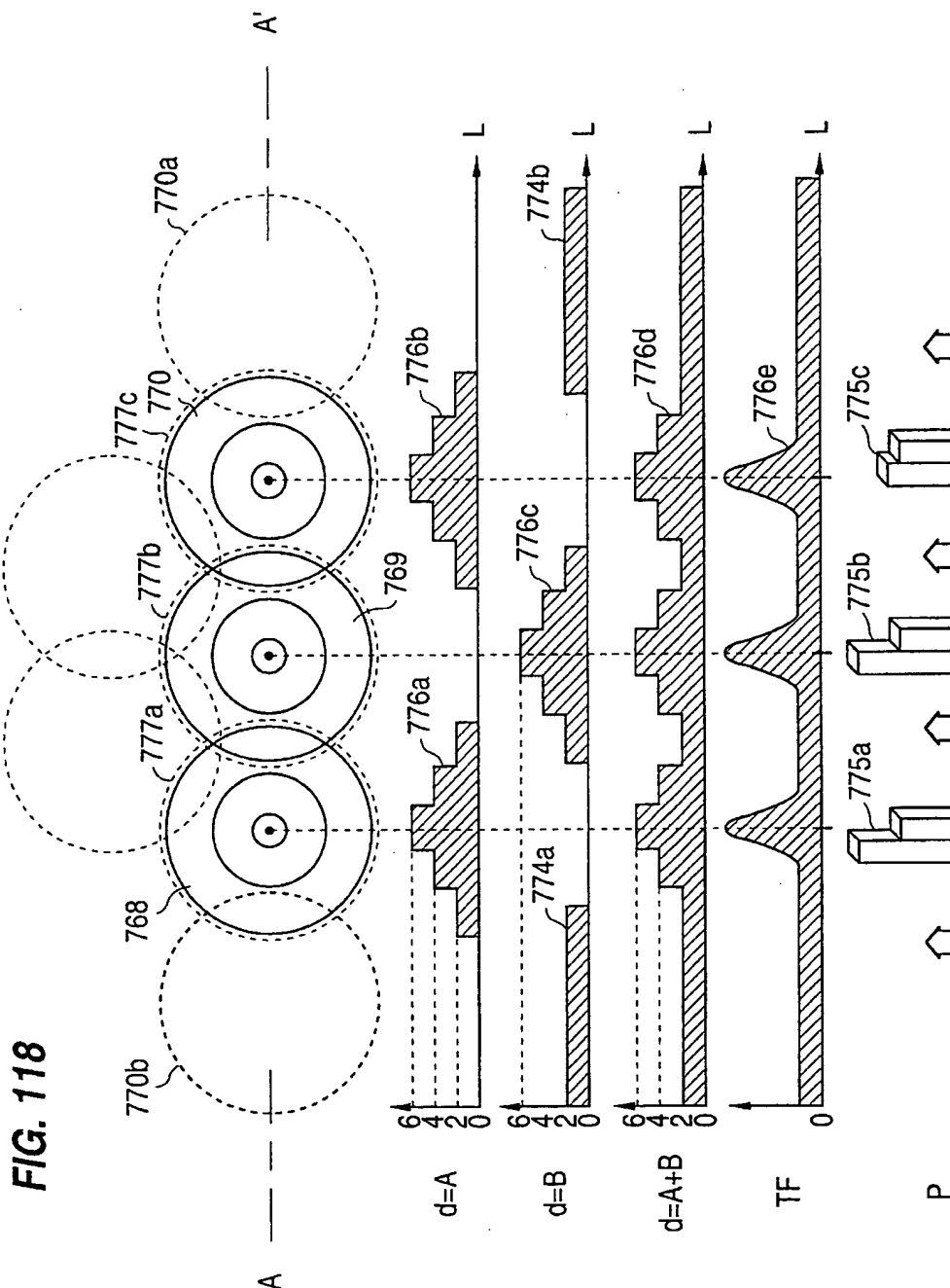


FIG. 117





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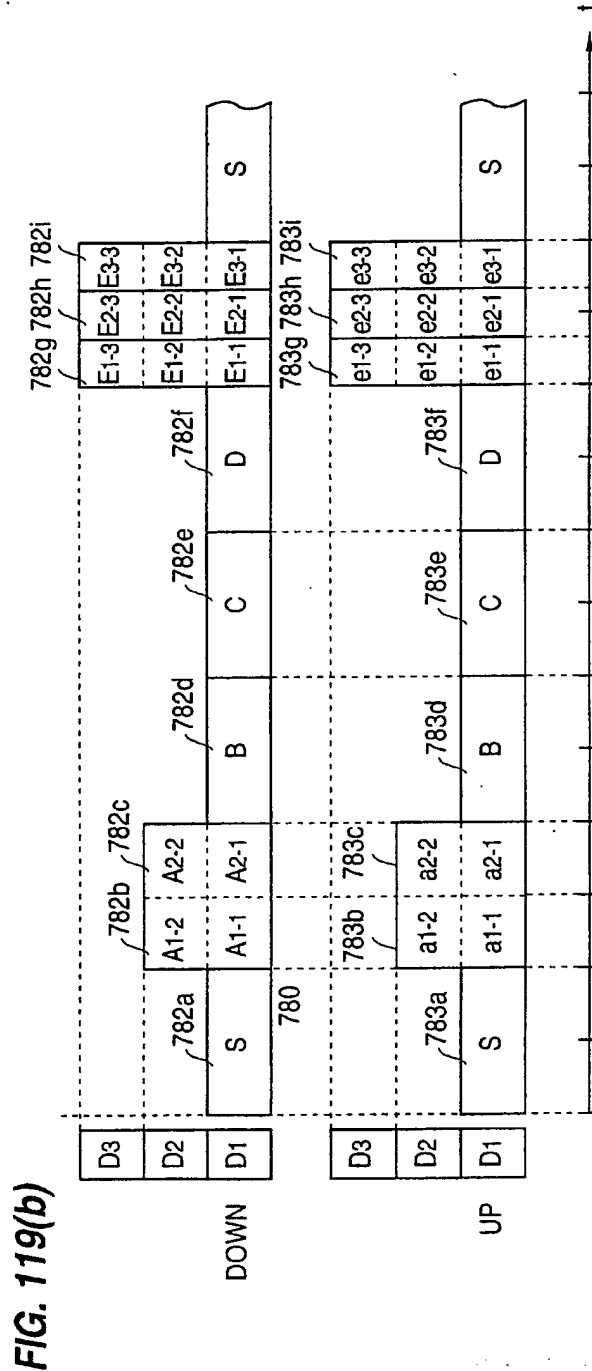
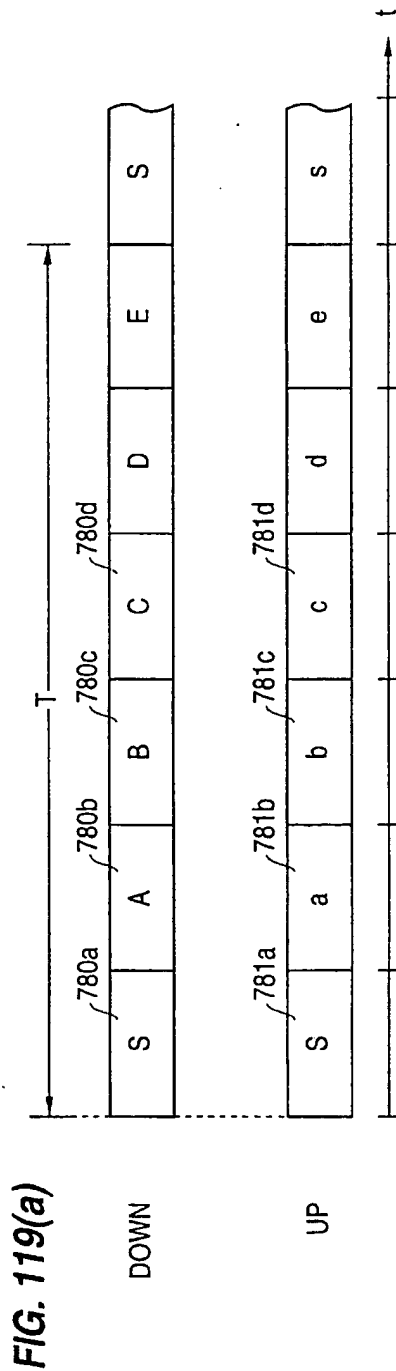


FIG. 120(a)

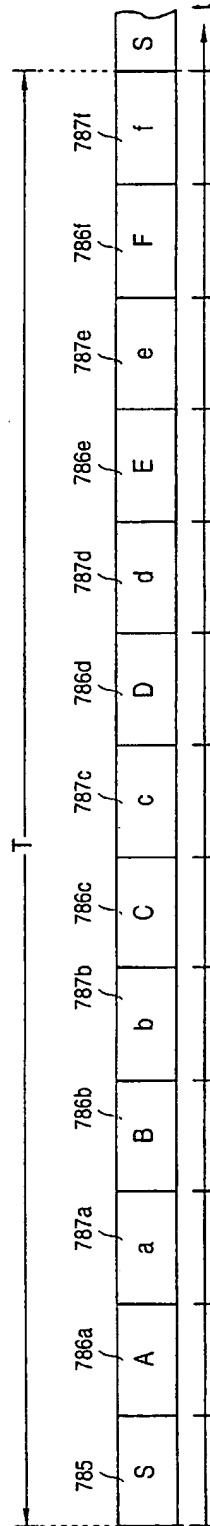


FIG. 120(b)

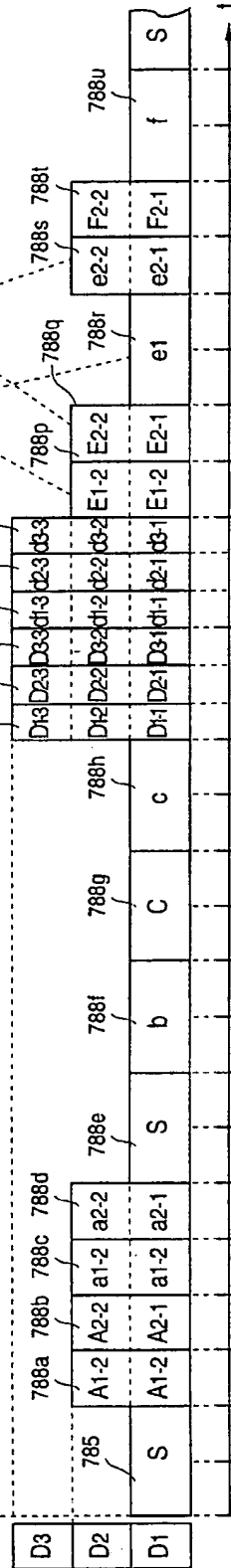


FIG. 121

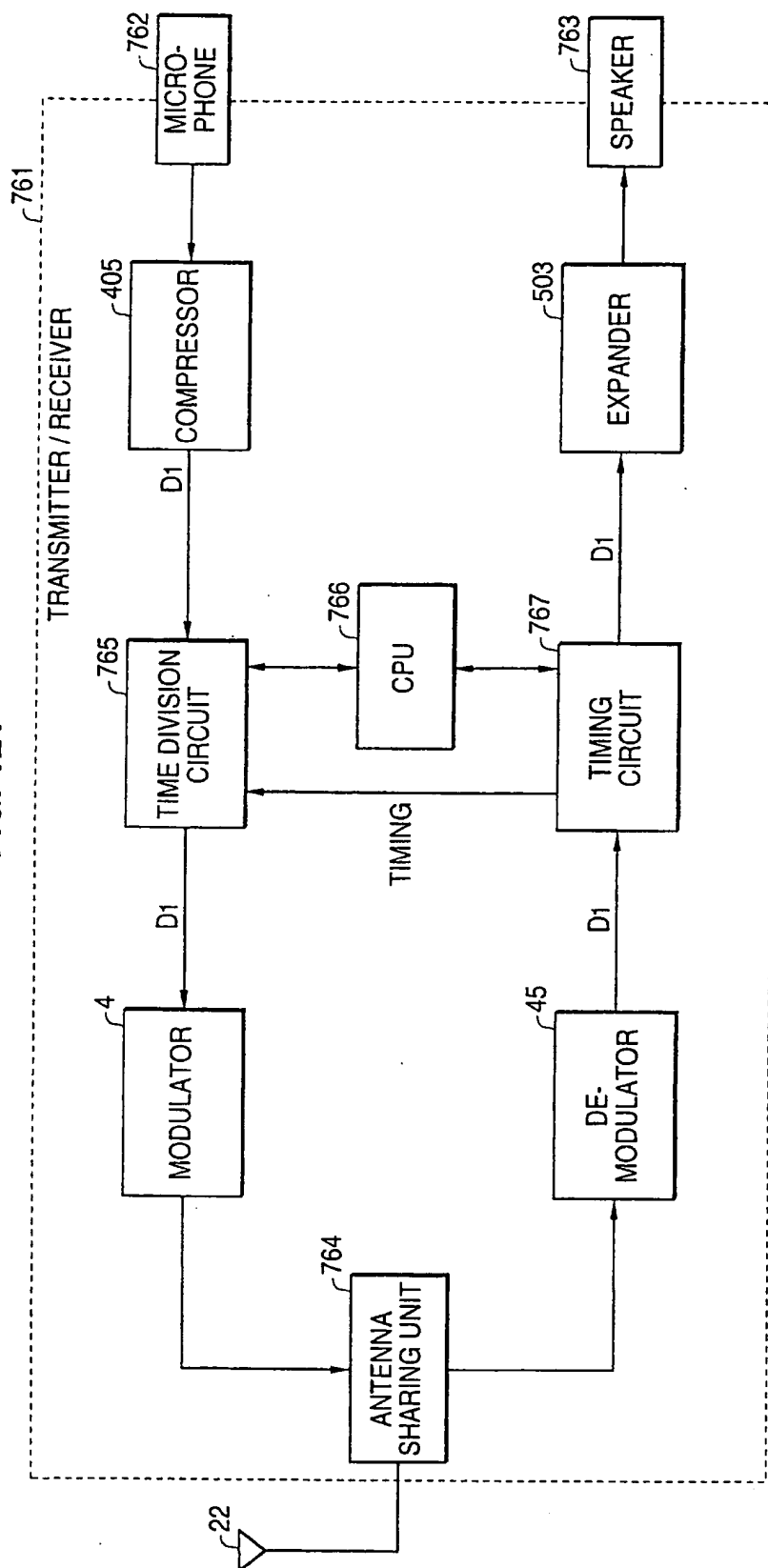
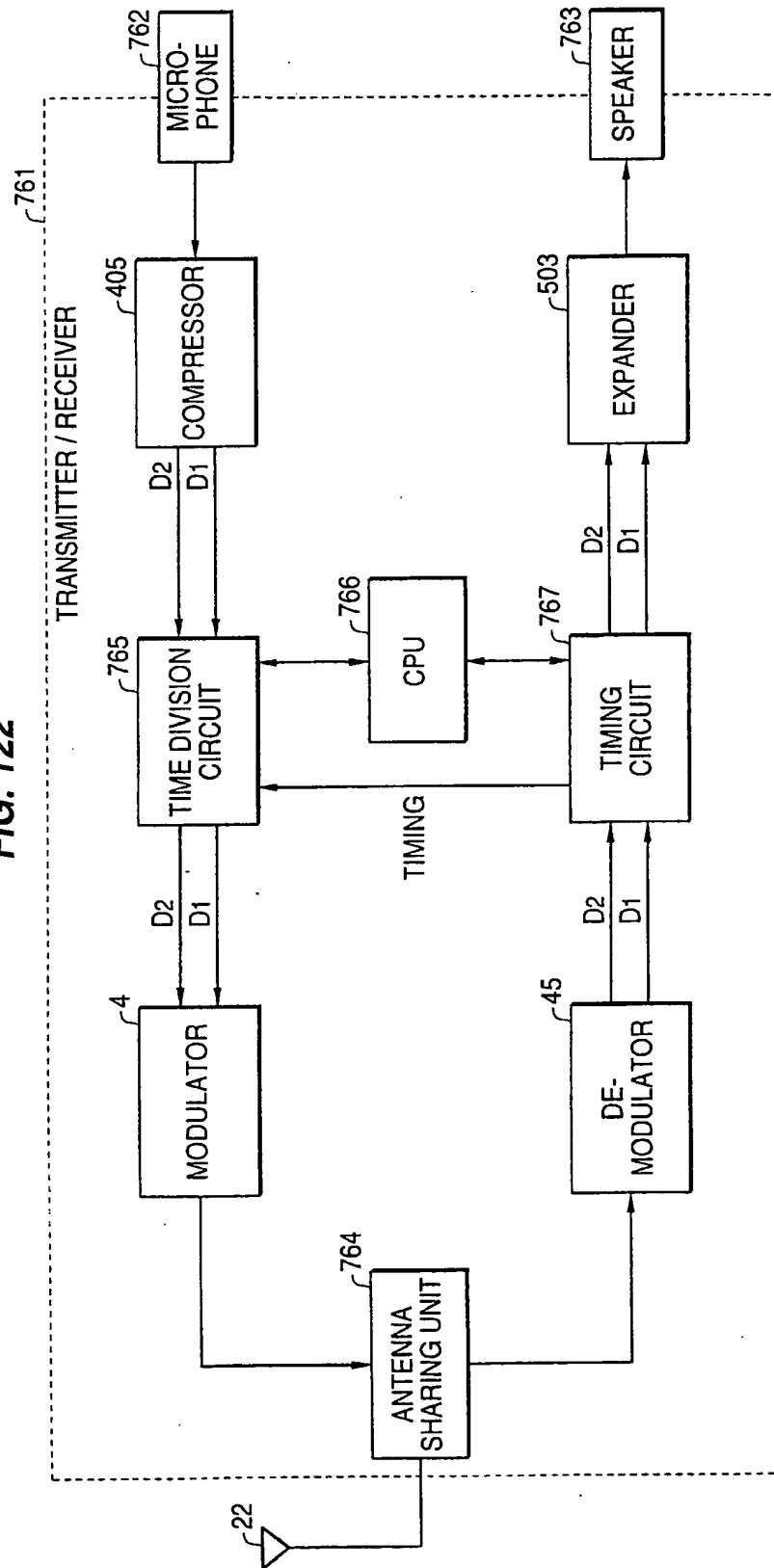
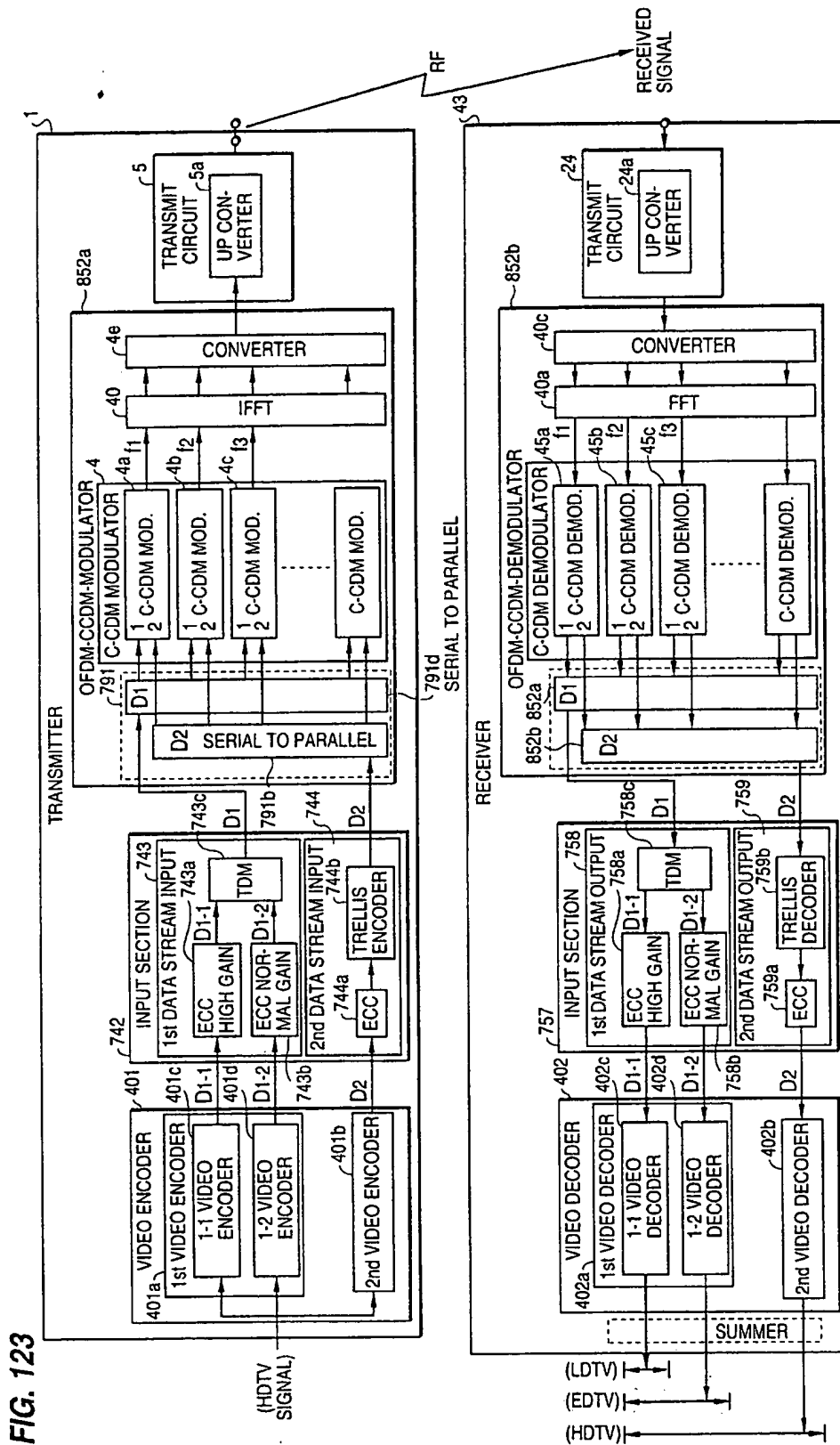


FIG. 122





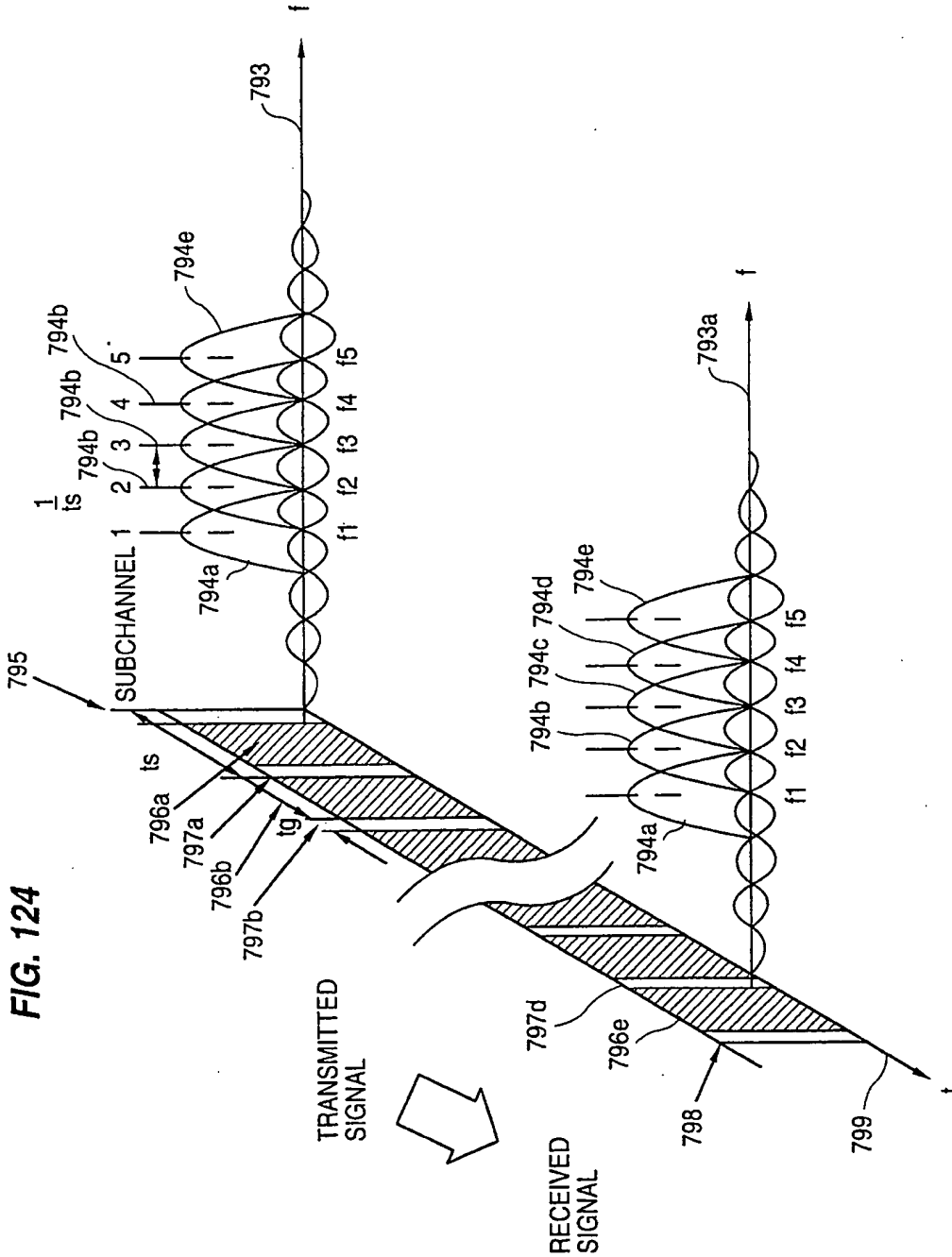


FIG. 125(a)

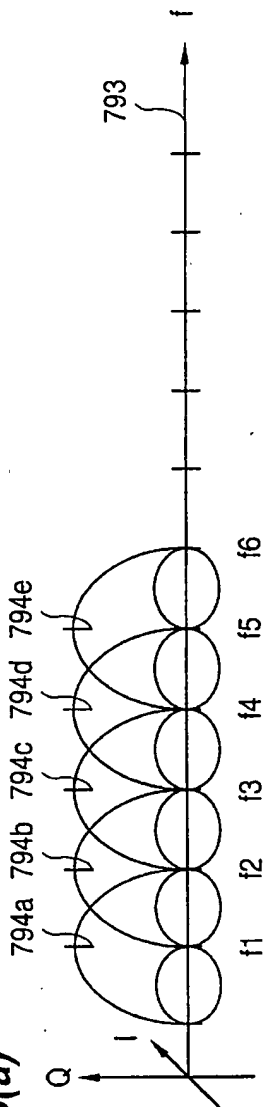
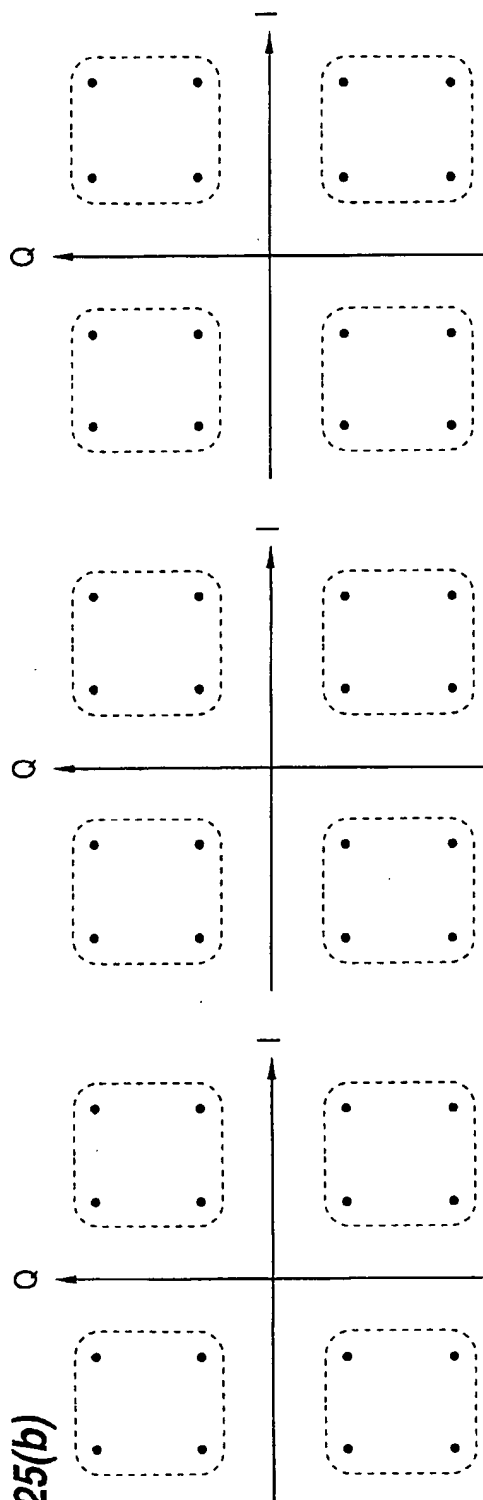


FIG. 125(b)



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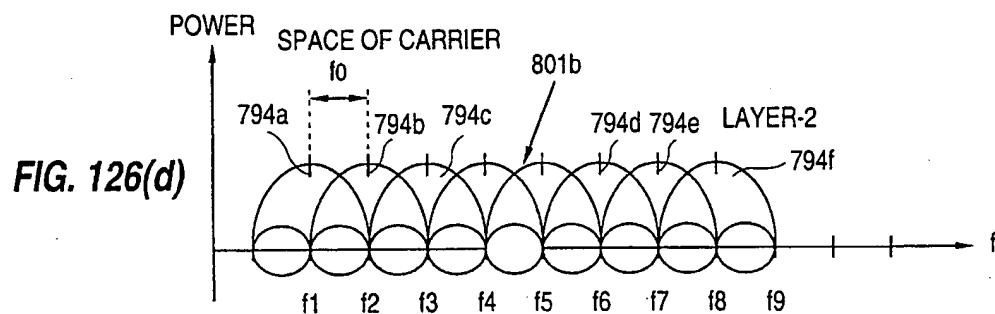
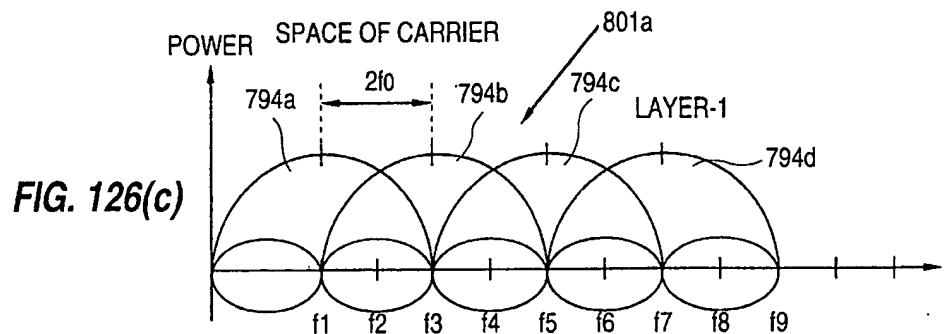
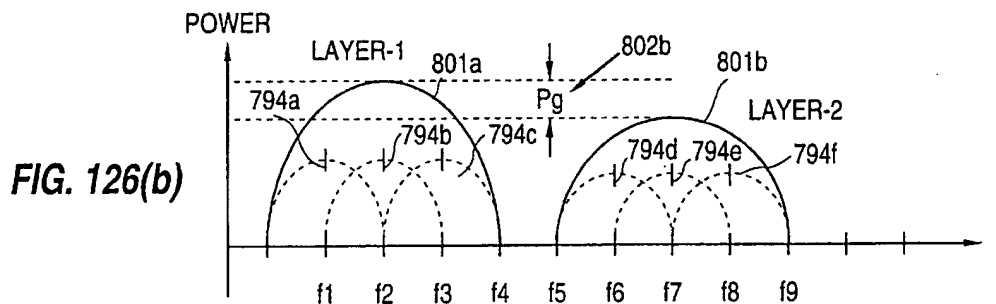
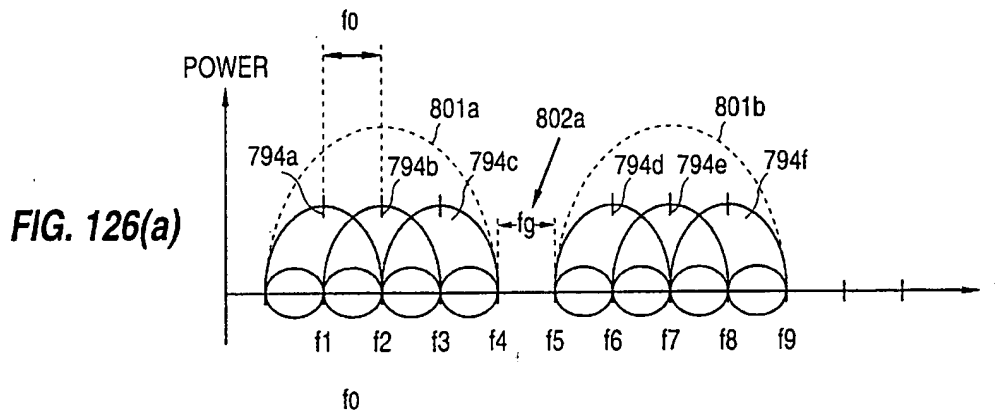


FIG. 127

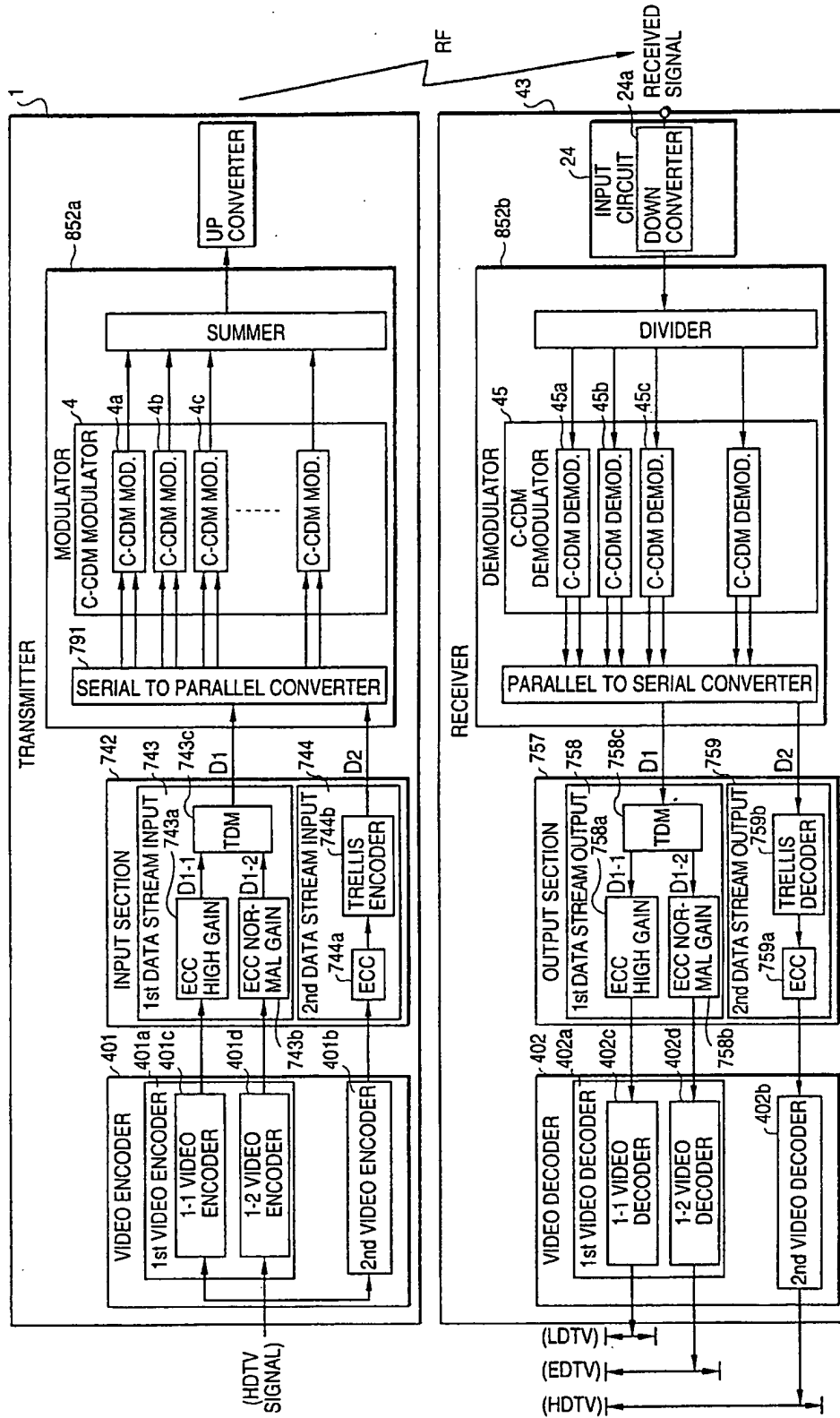


FIG. 128(a)

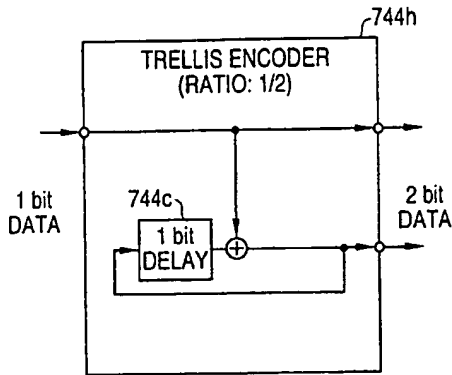


FIG. 128(d)

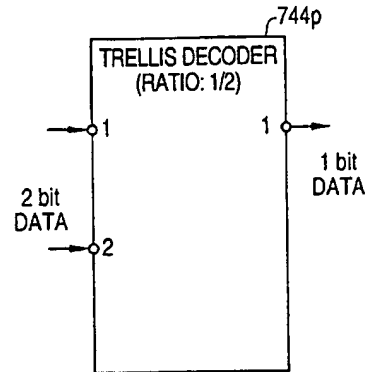


FIG. 128(b)

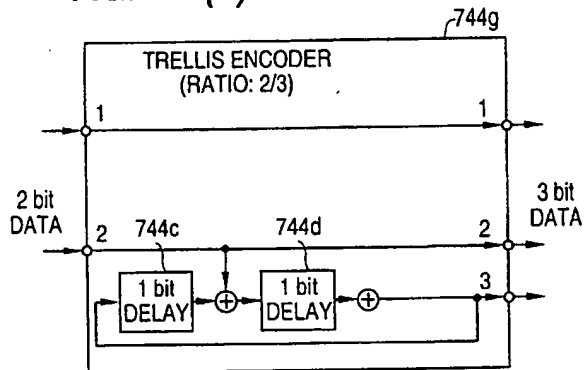


FIG. 128(e)

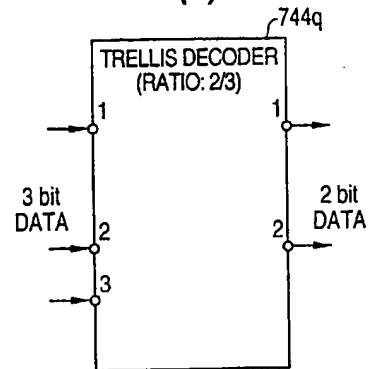


FIG. 128(c)

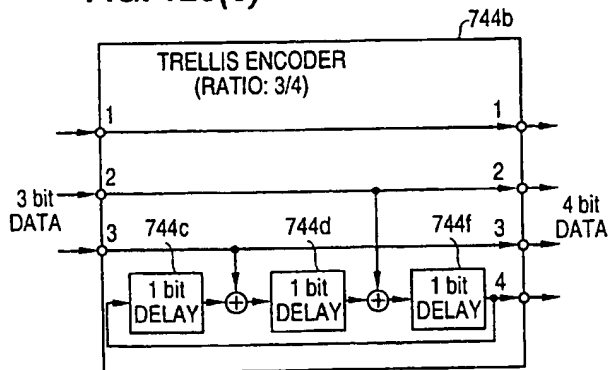
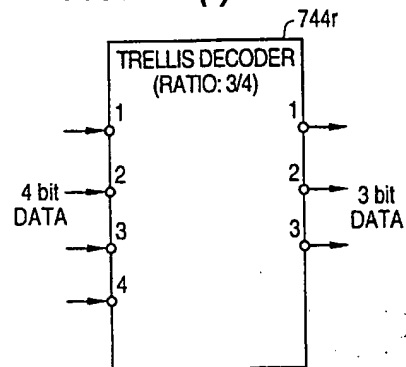


FIG. 128(f)



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FIG. 129

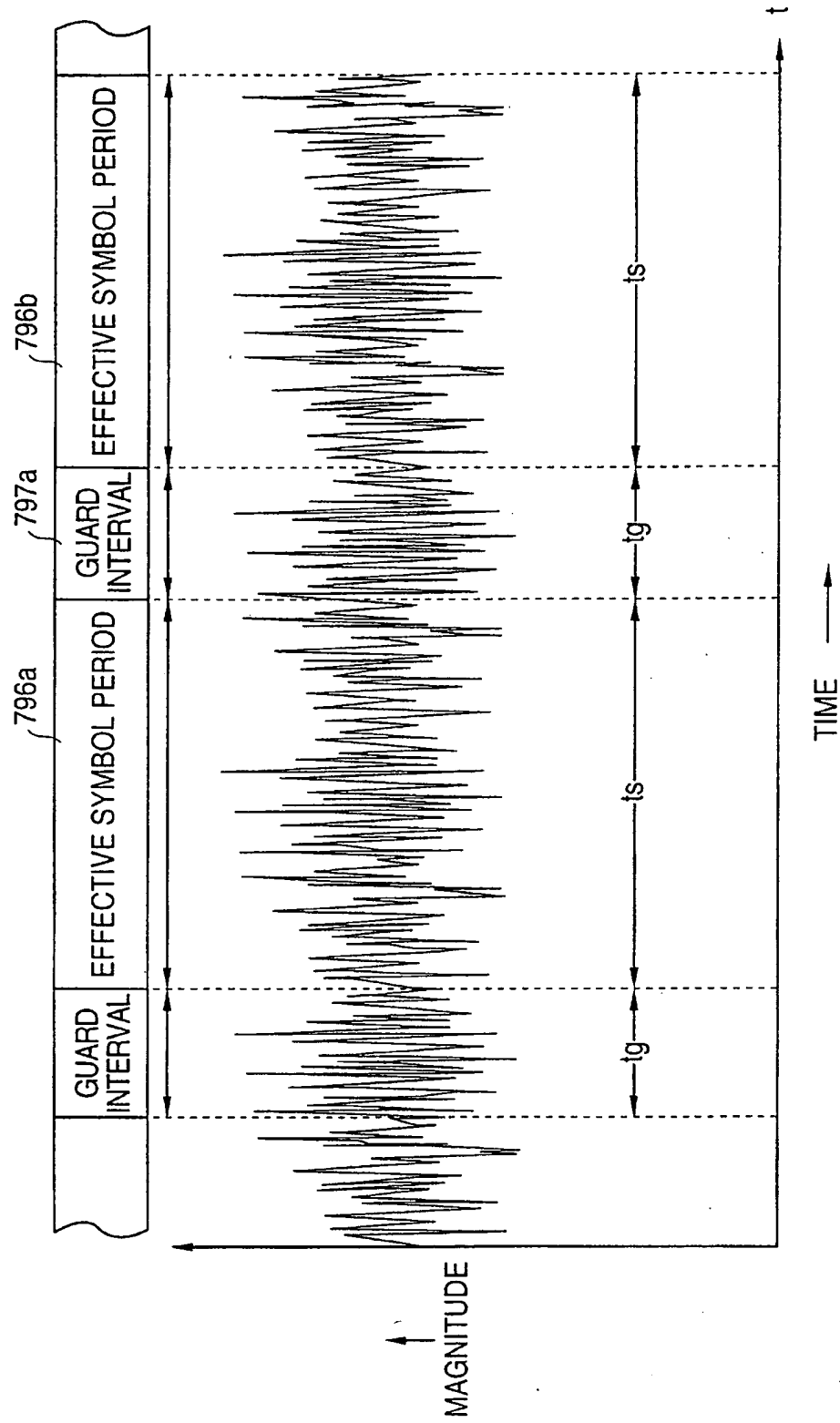


FIG. 130

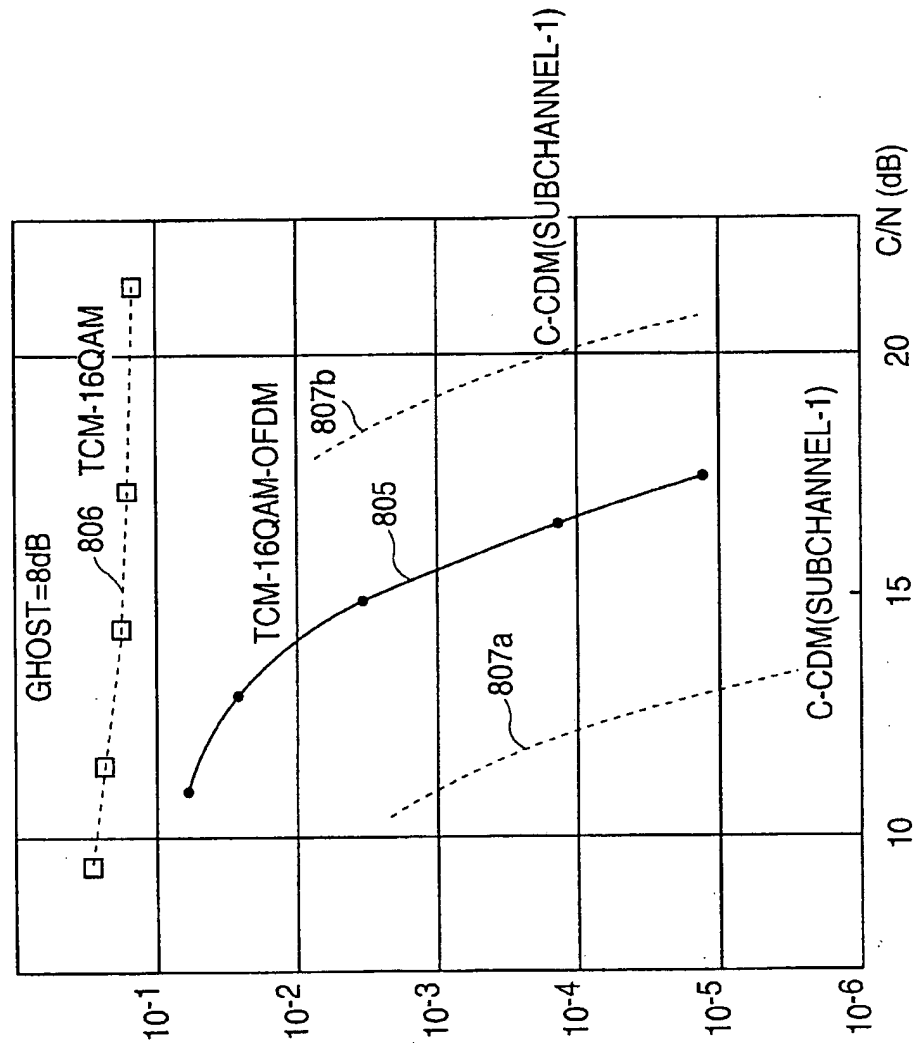
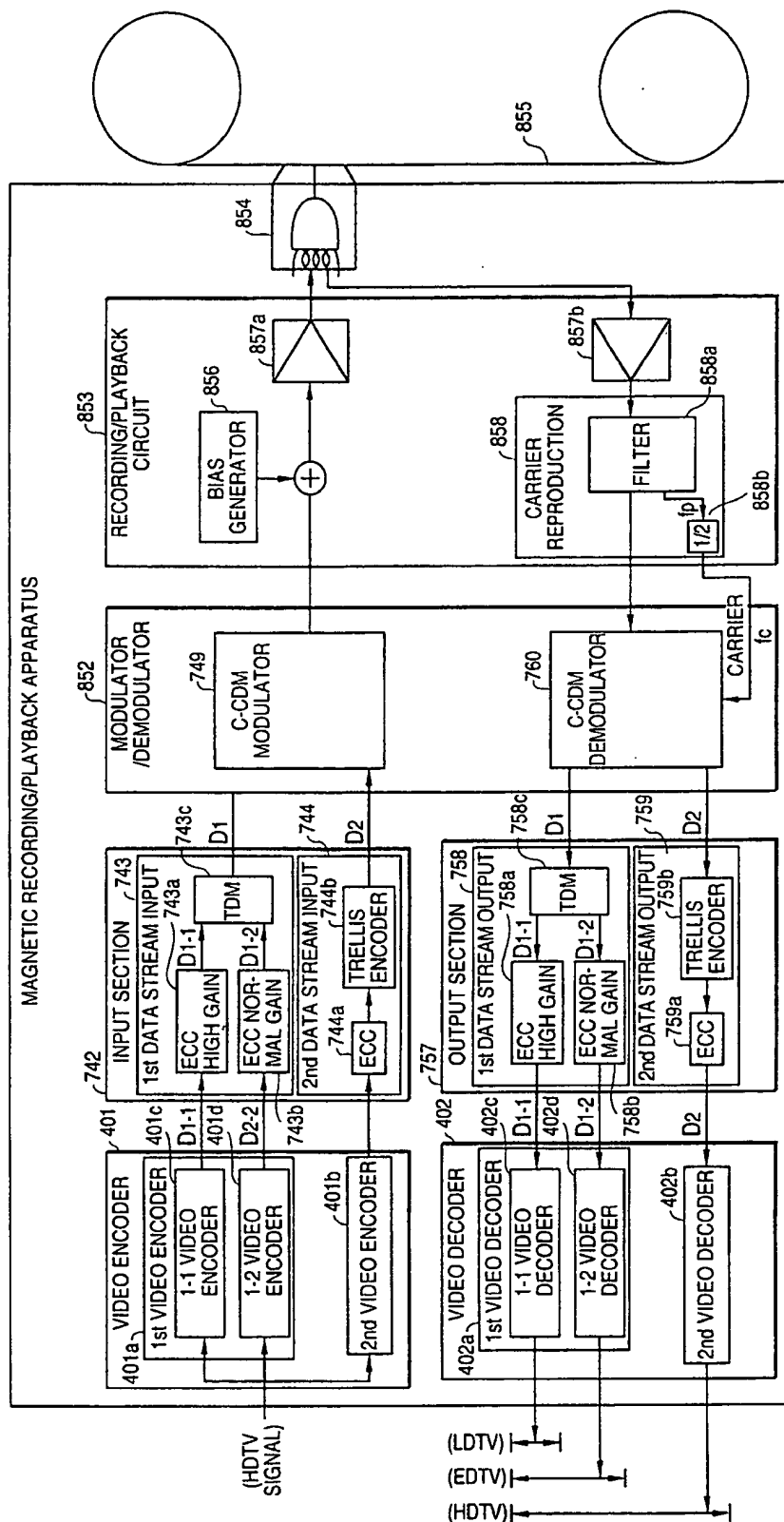


FIG. 131



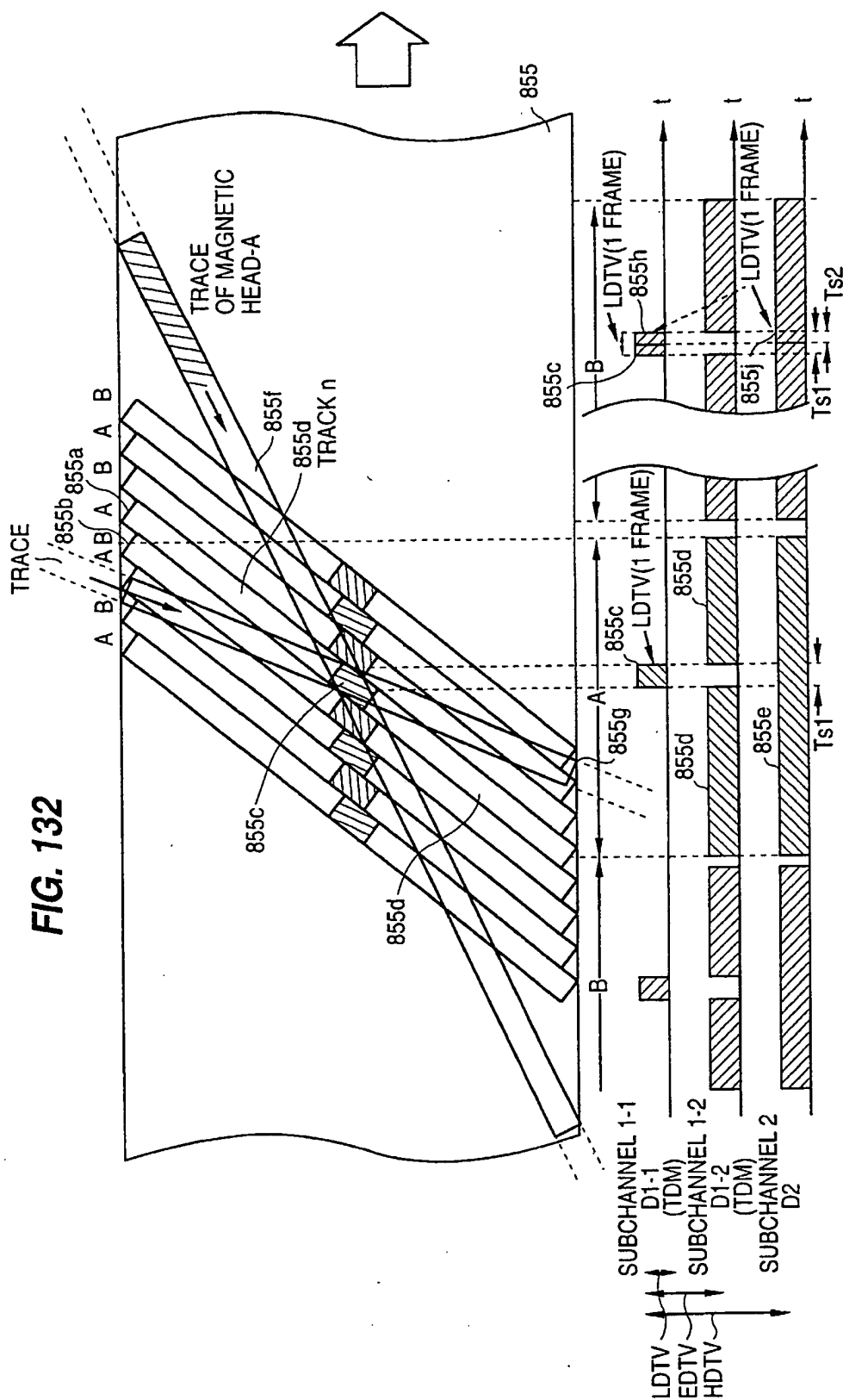


FIG. 133

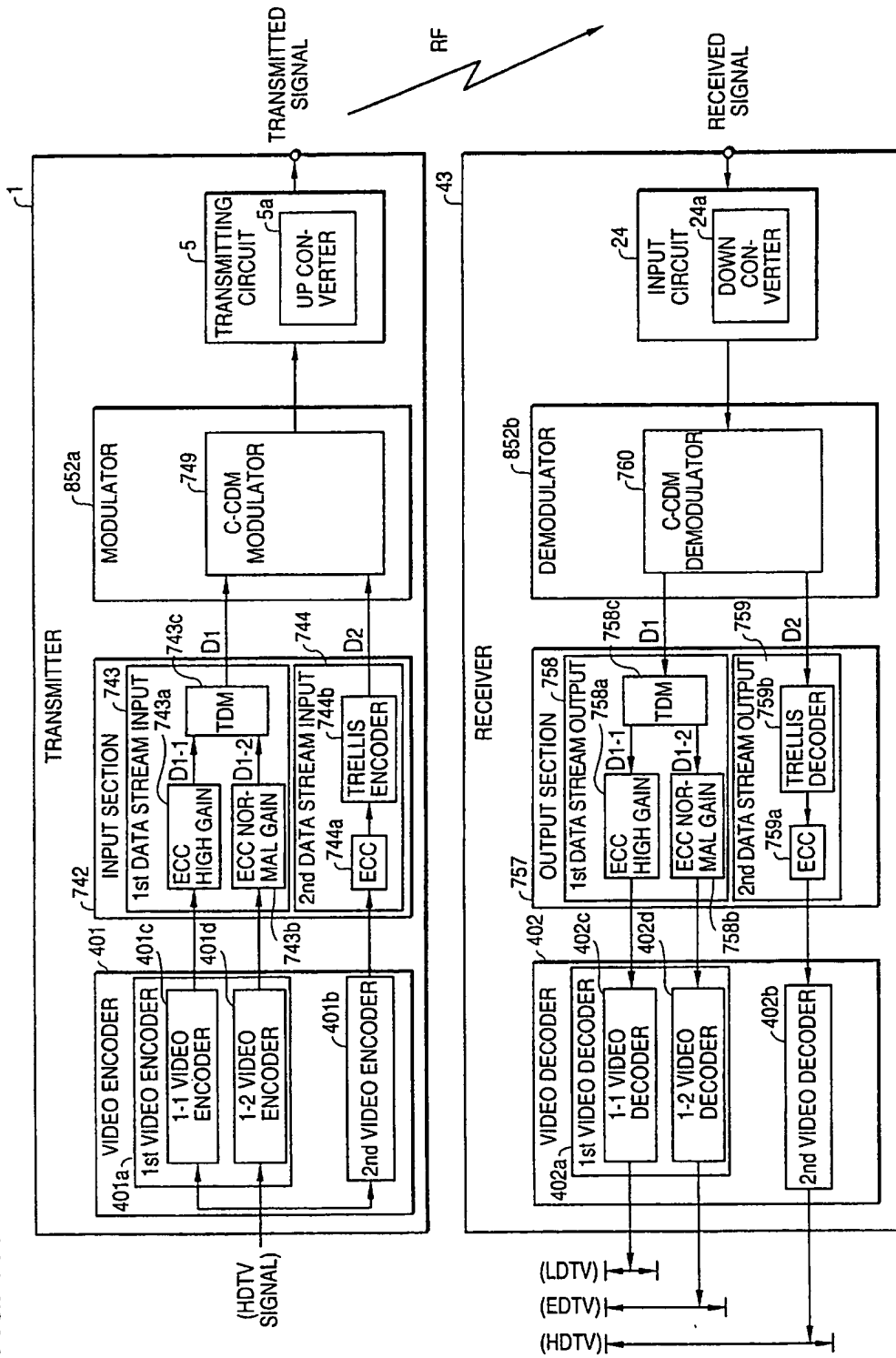


FIG. 134

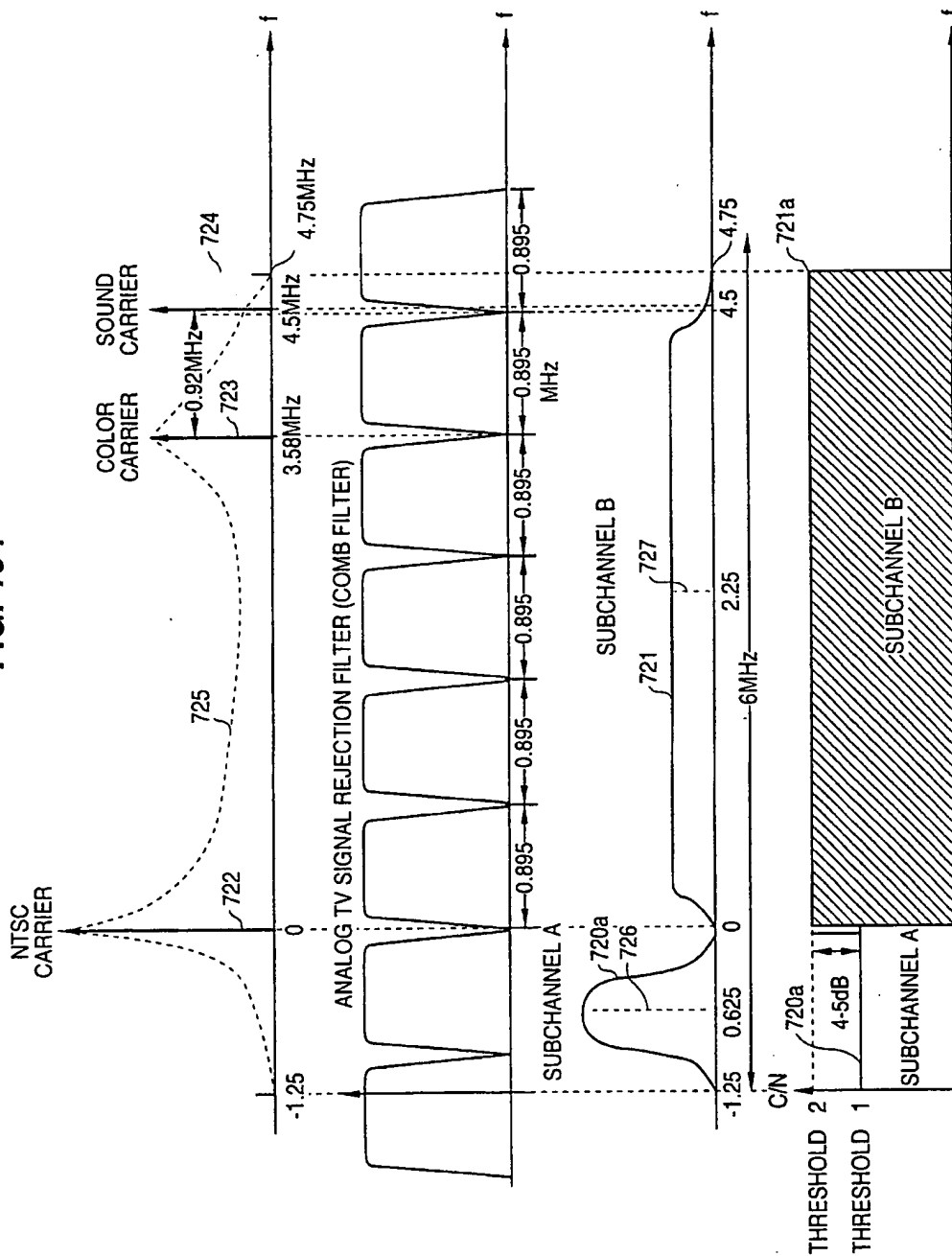


FIG. 135

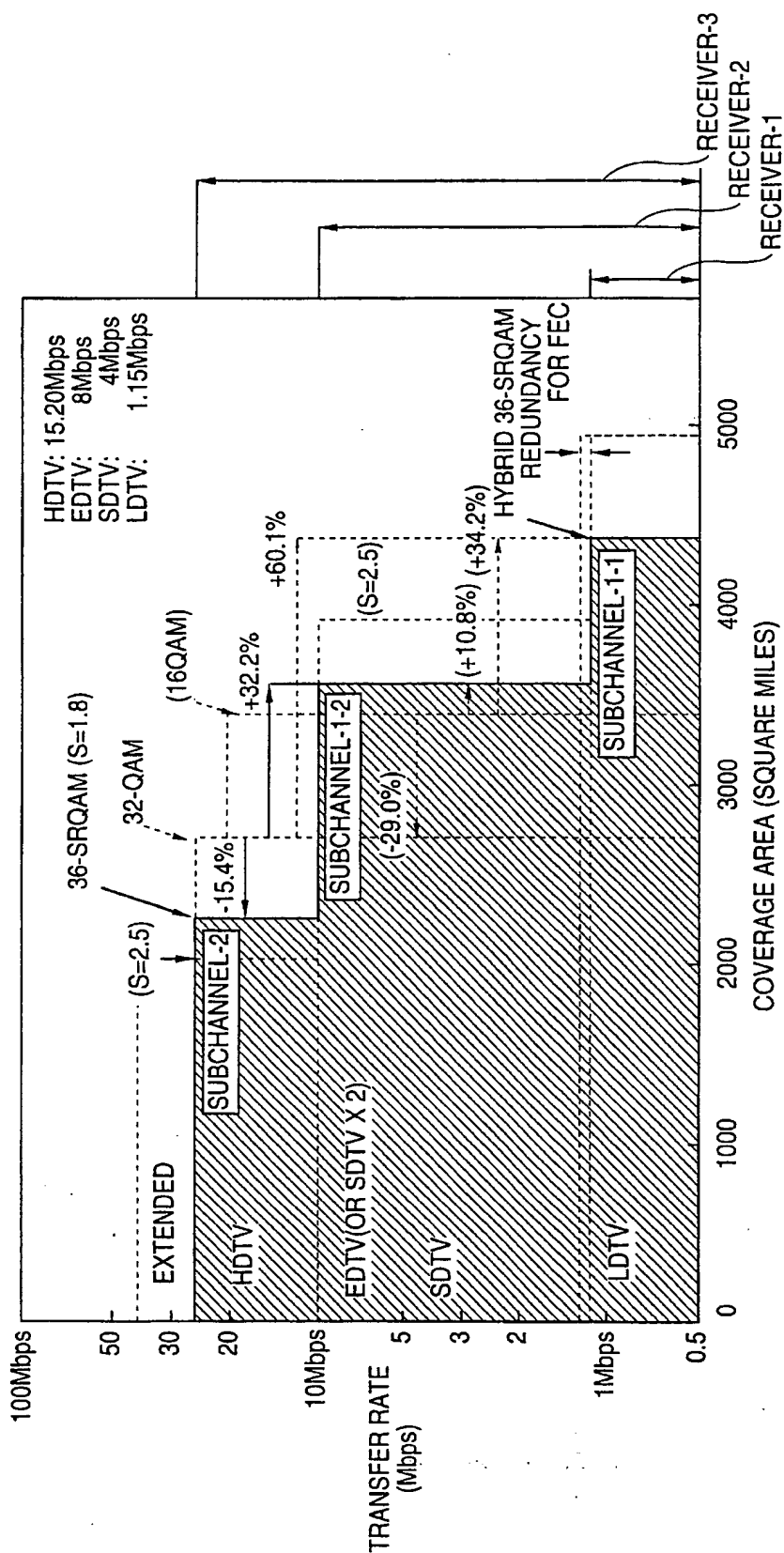


FIG. 136

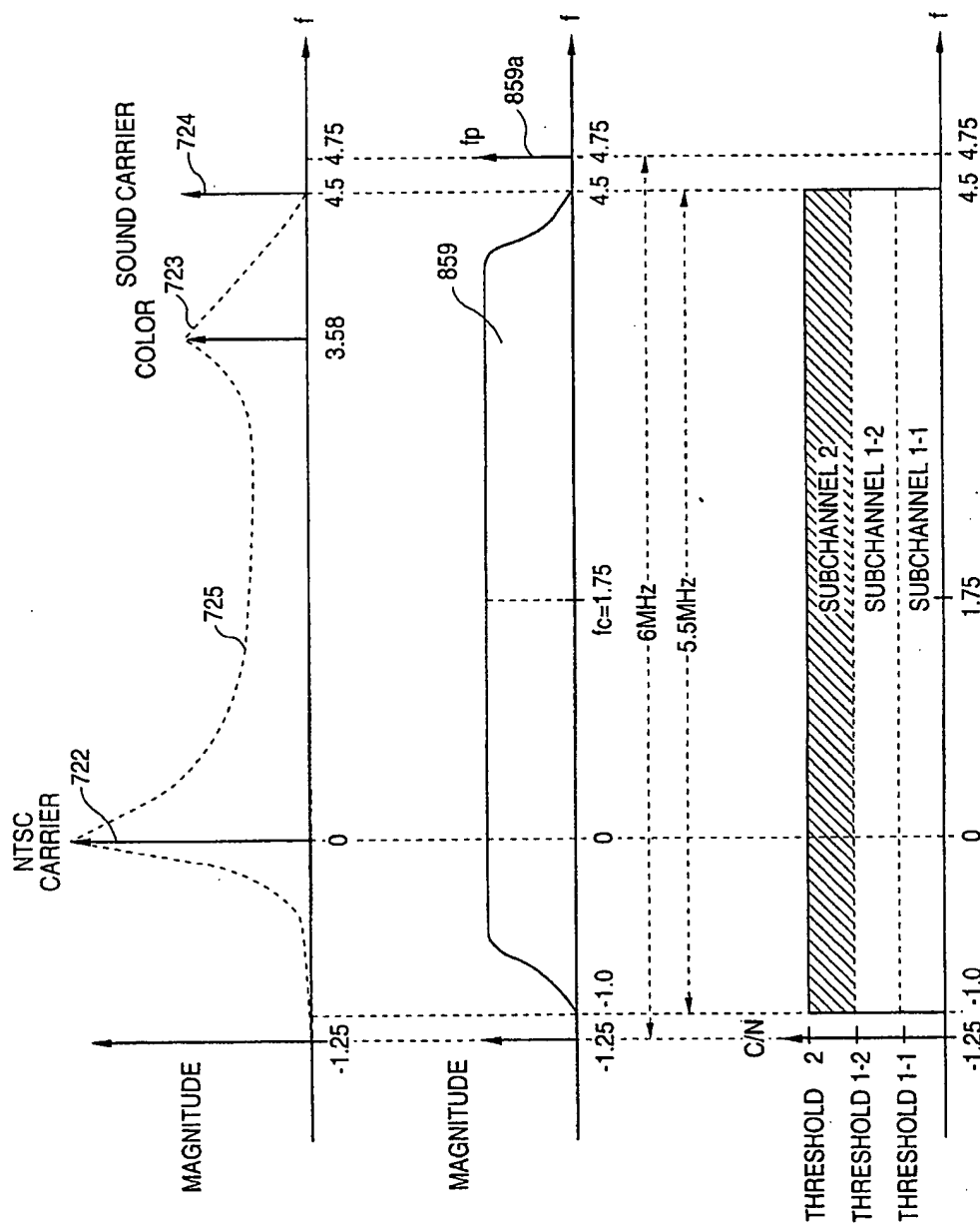
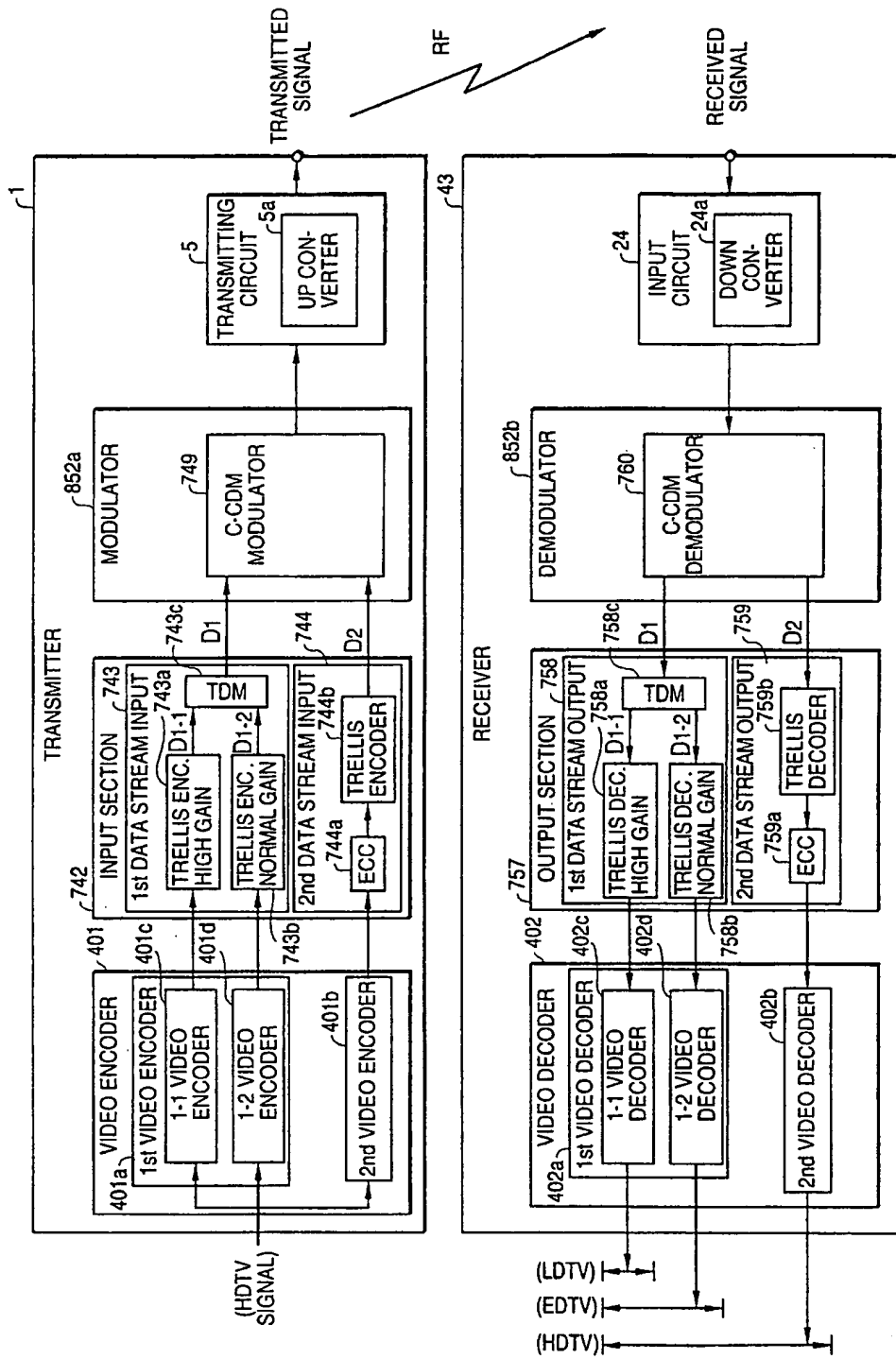


FIG. 137



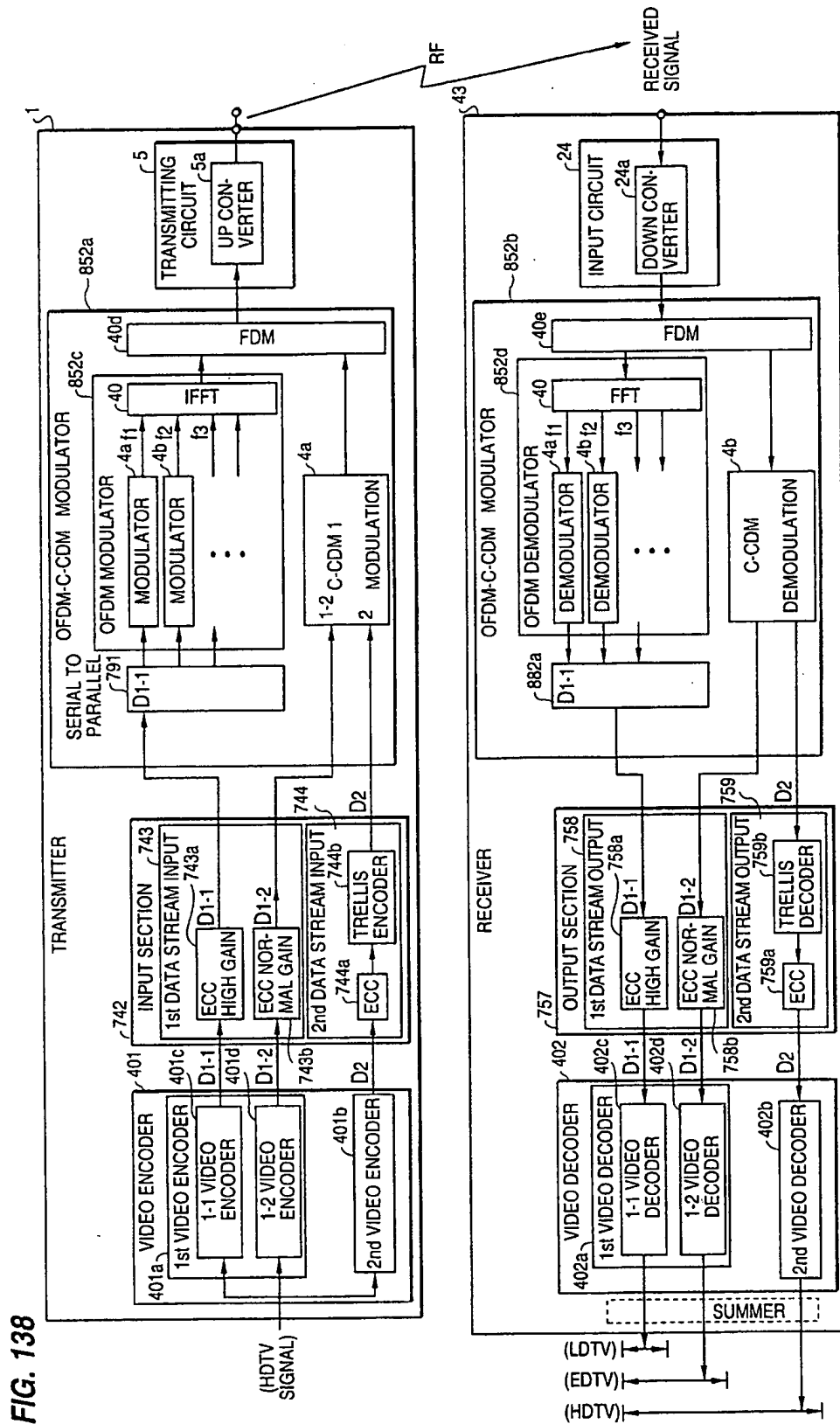


FIG. 139

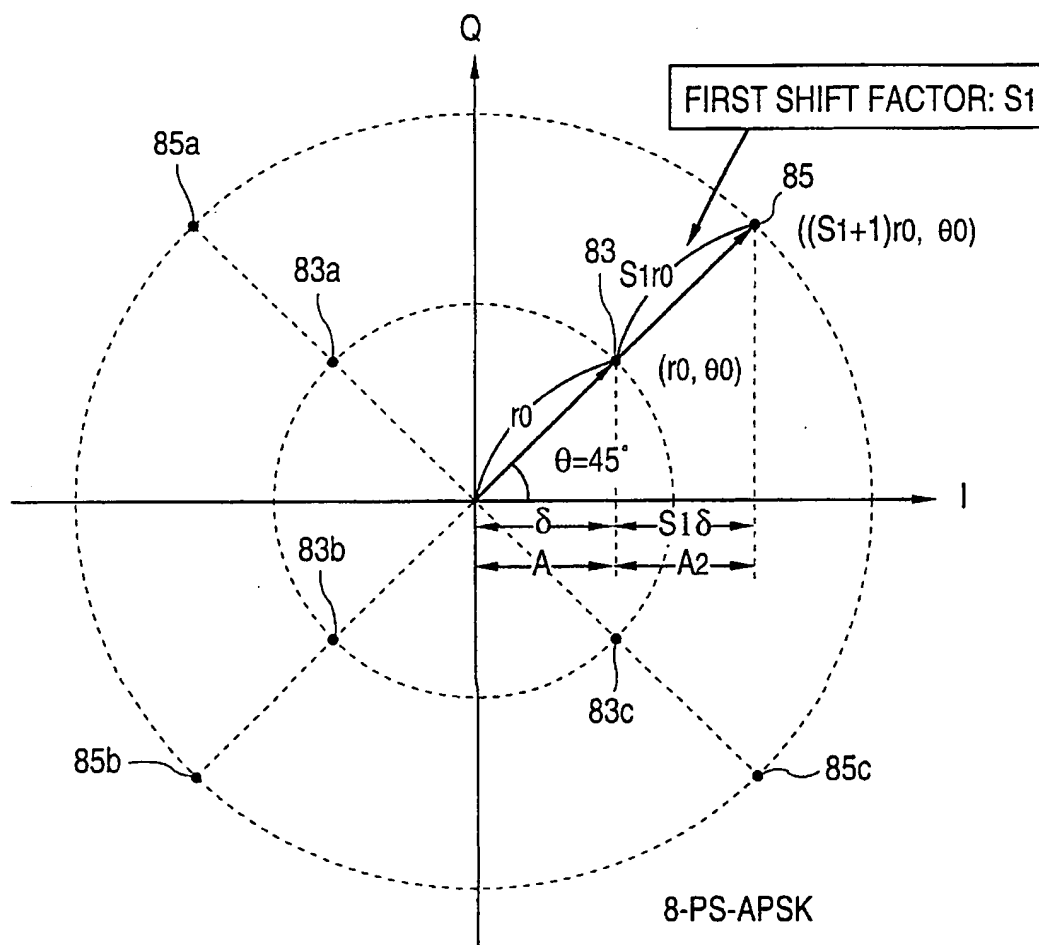
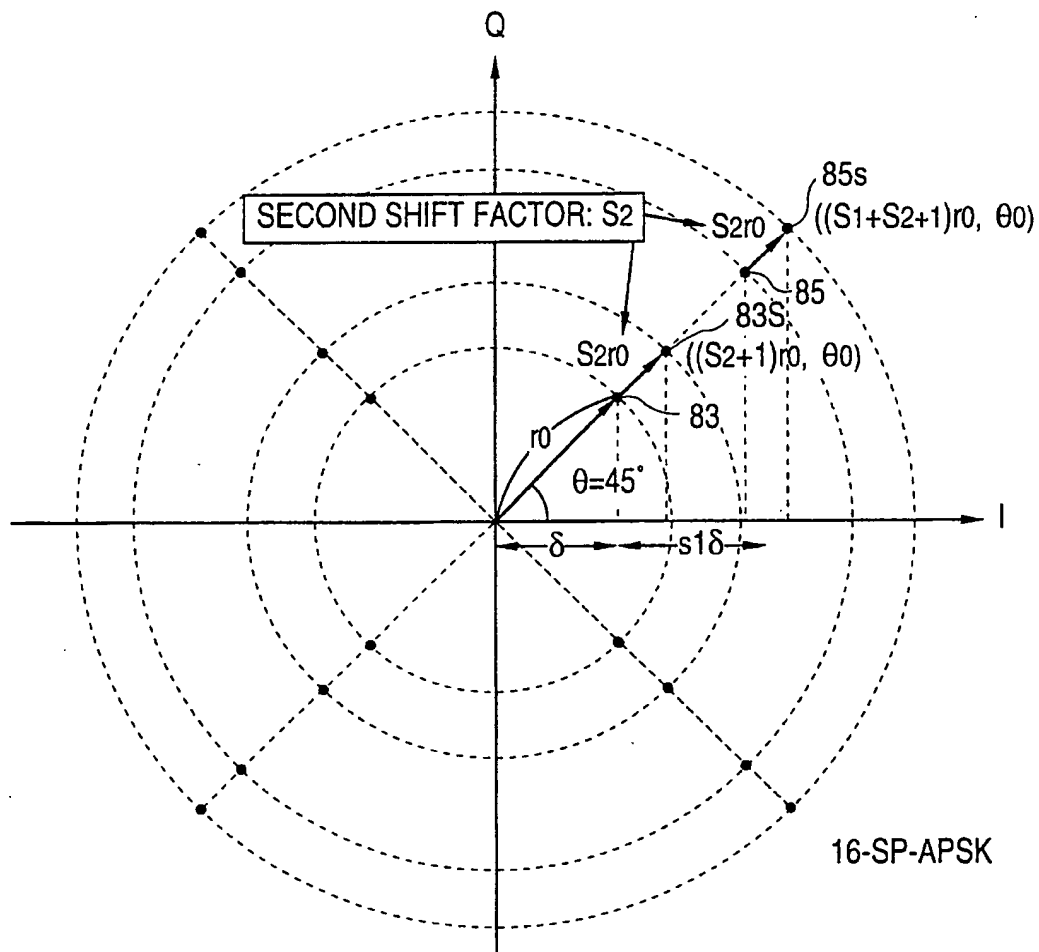
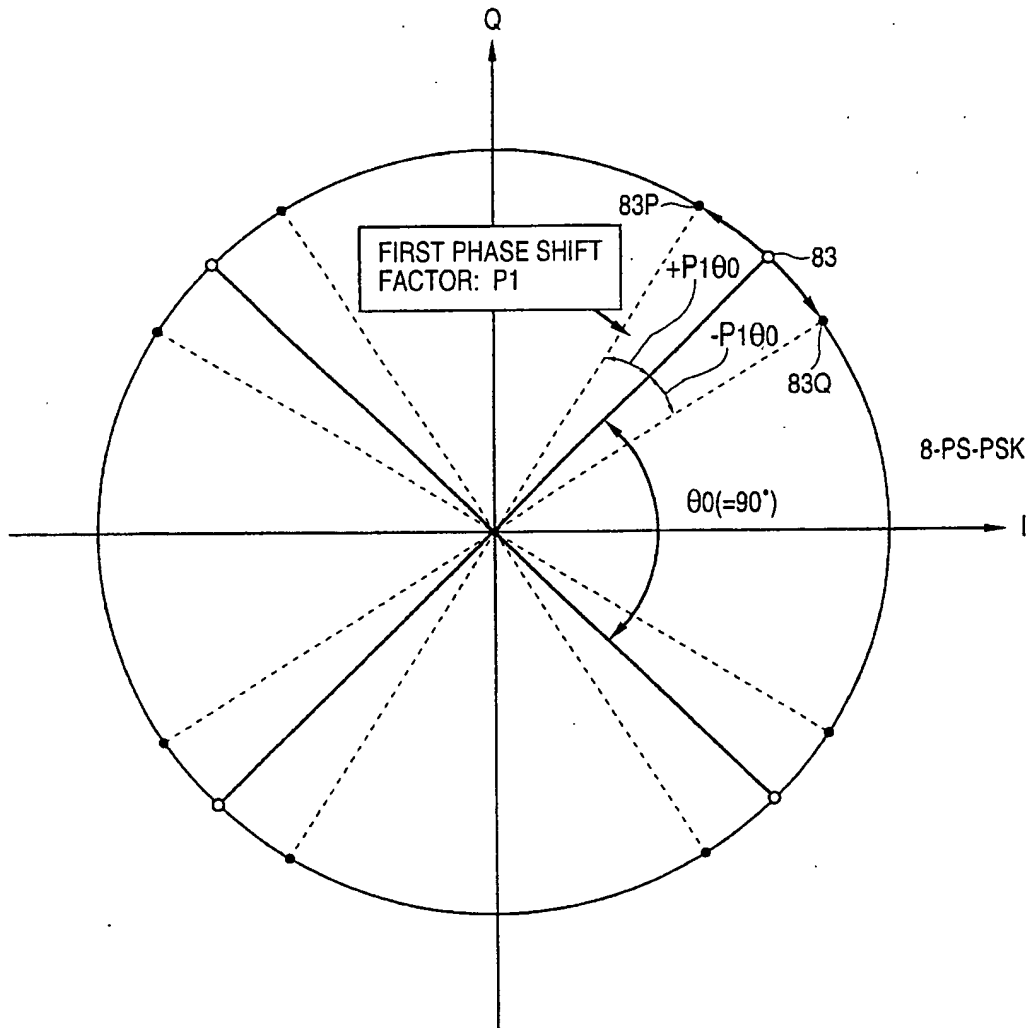


FIG. 140



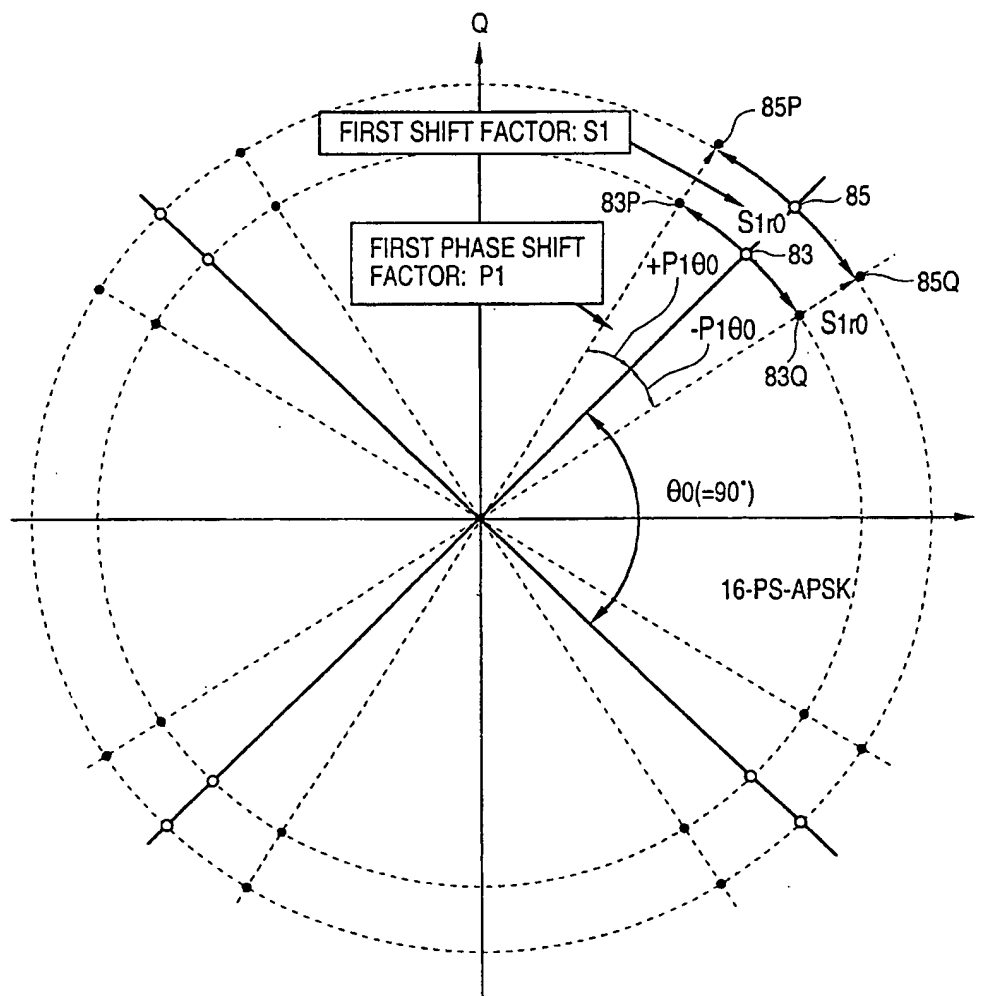
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FIG. 141



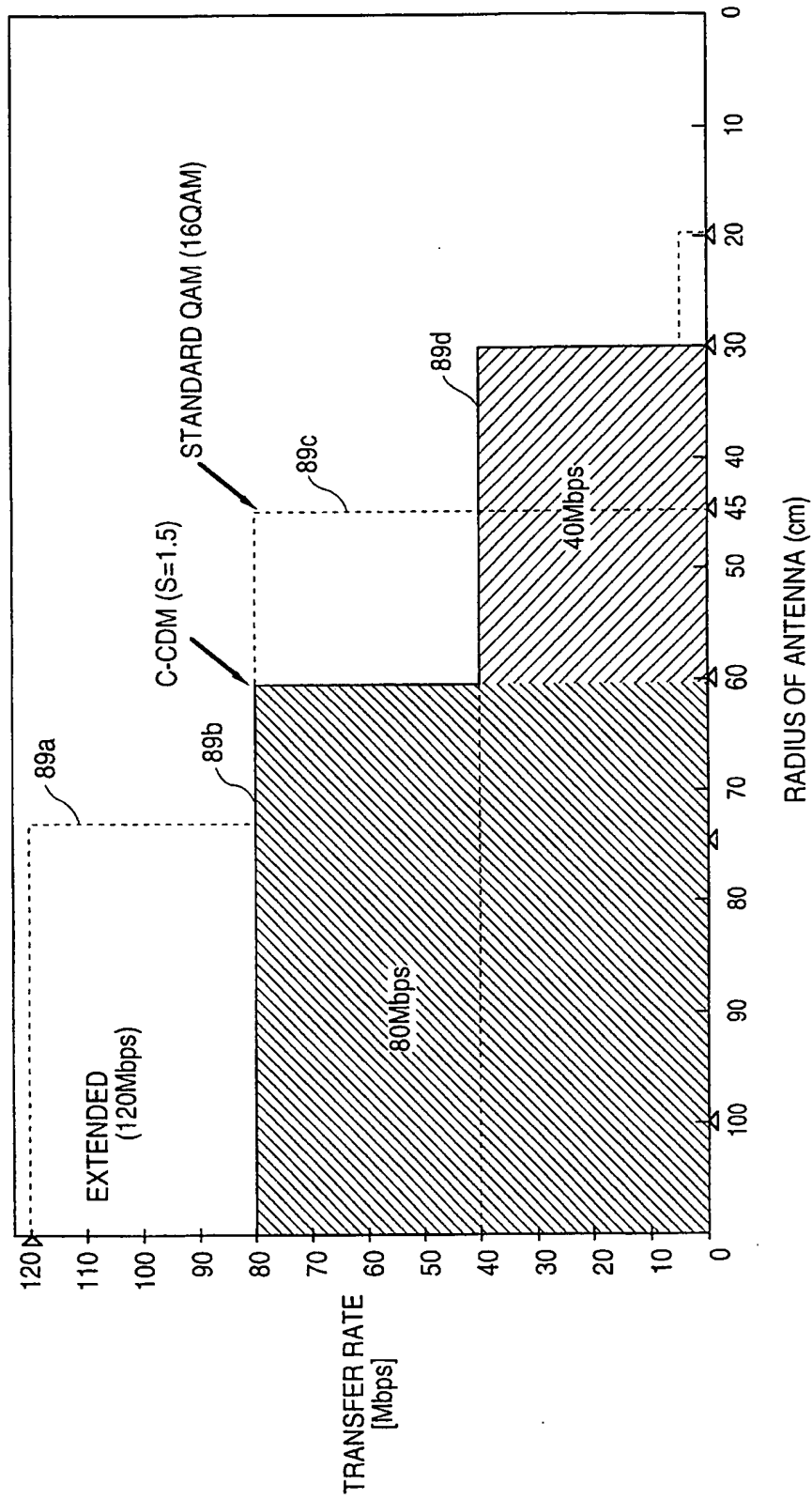
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FIG. 142



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FIG. 143



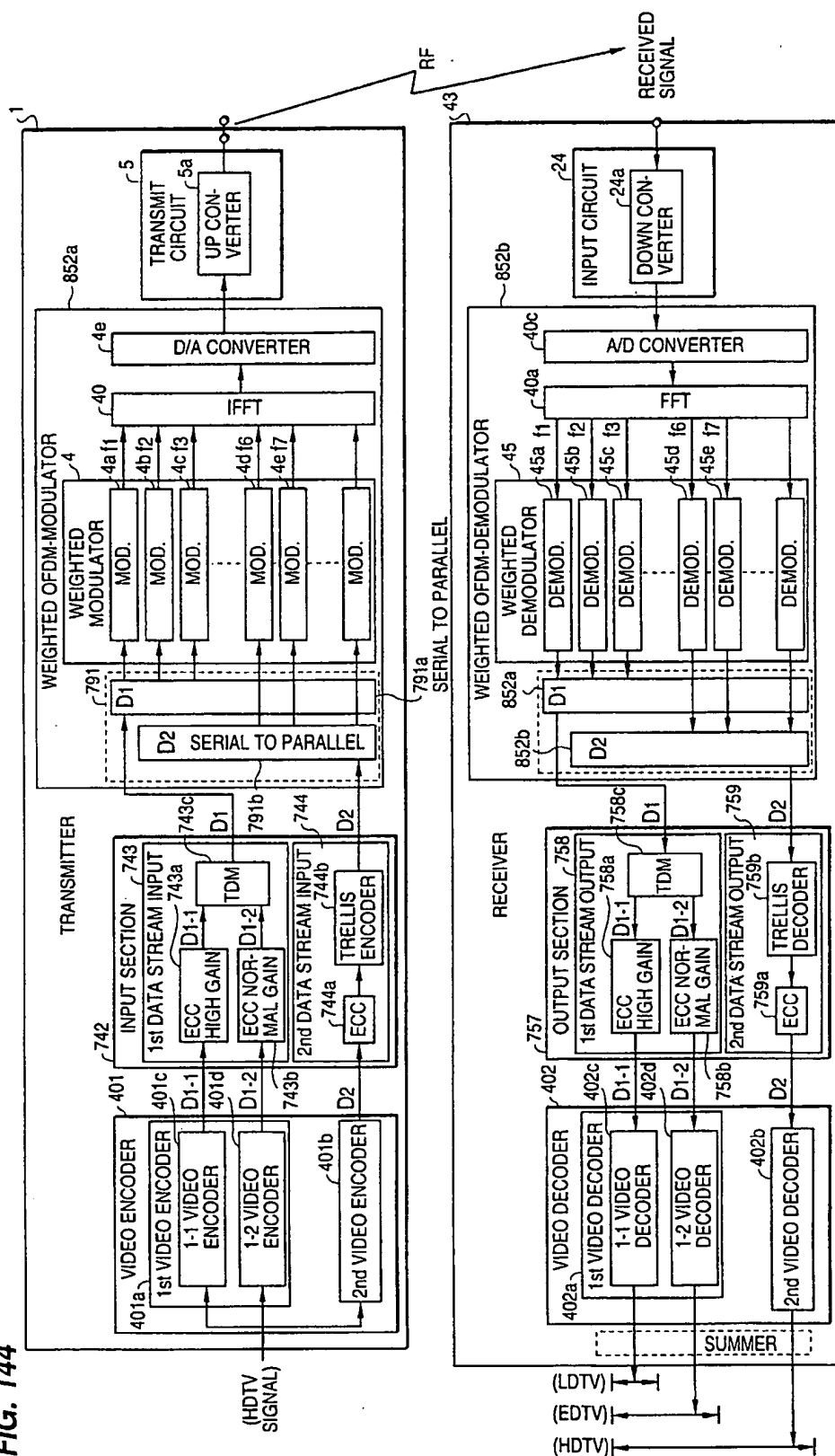


FIG. 145(a)

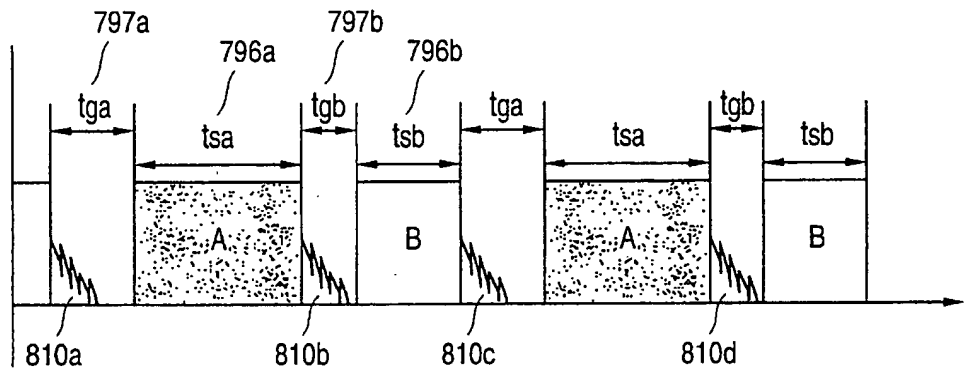
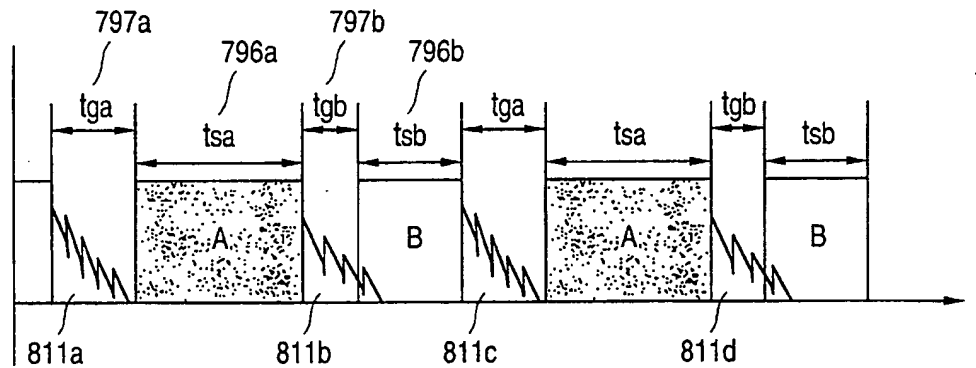


FIG. 145(b)



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WORLD
OF
THE
FUTURE

FIG. 147

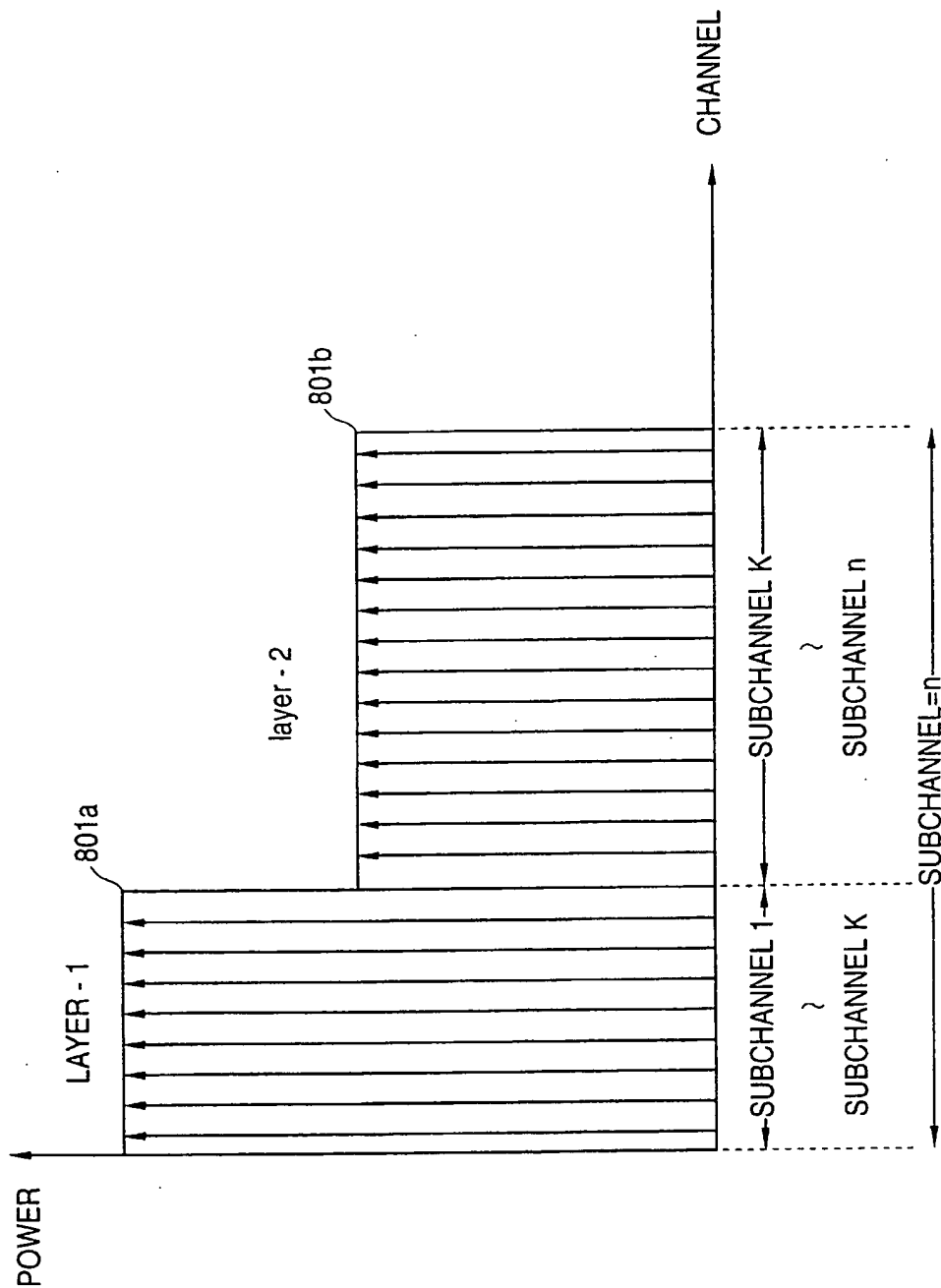
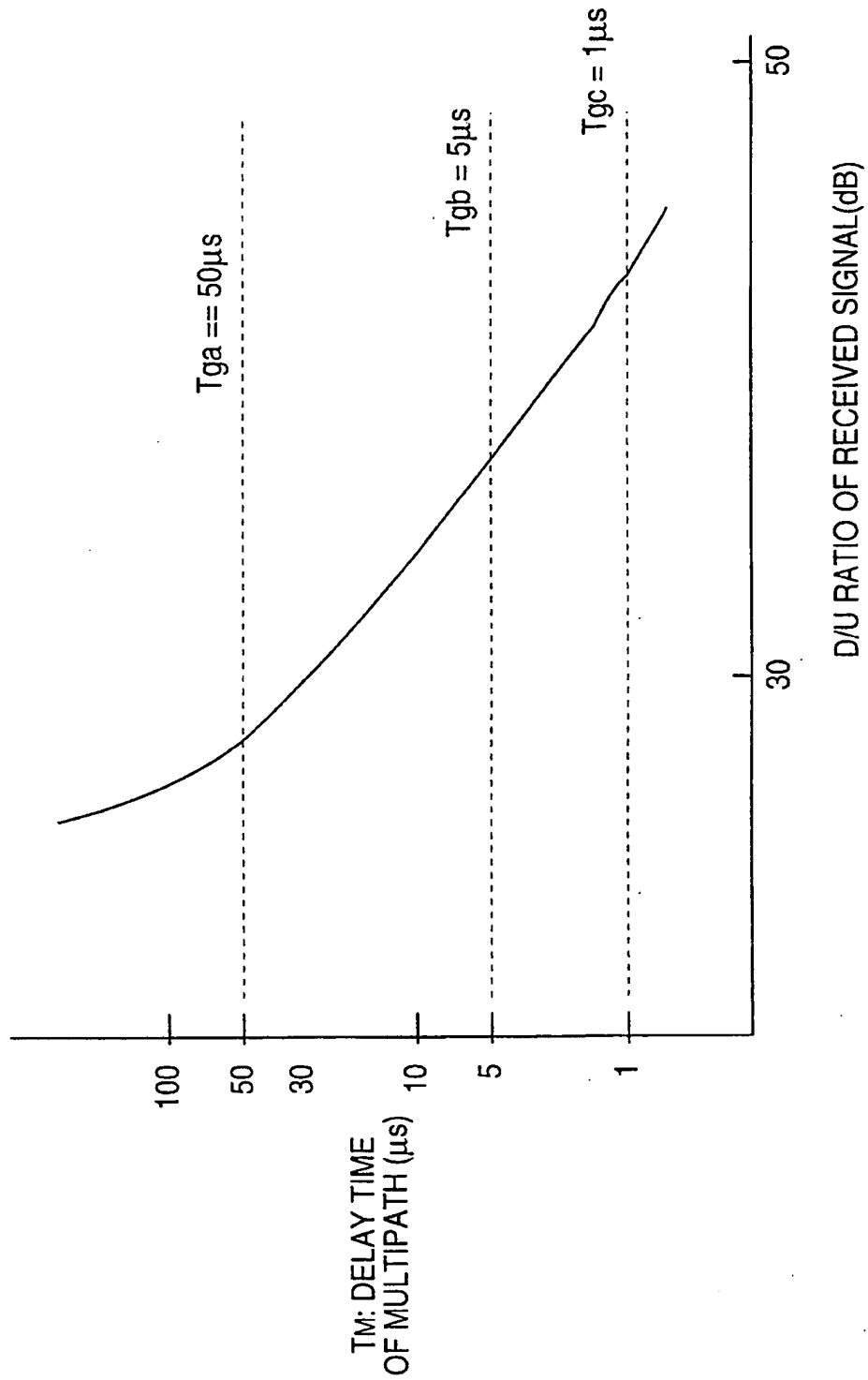


FIG. 148



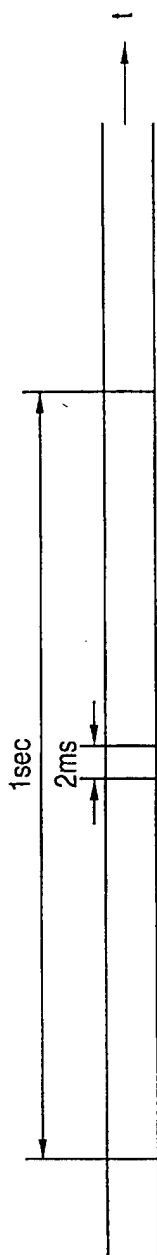


FIG. 149(a)

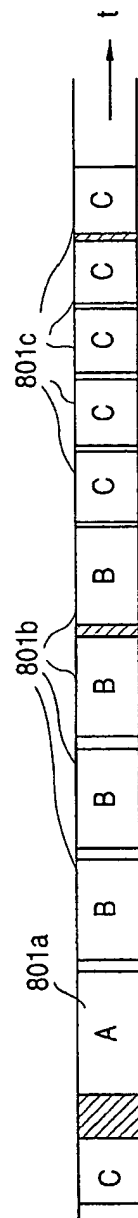


FIG. 149(b)

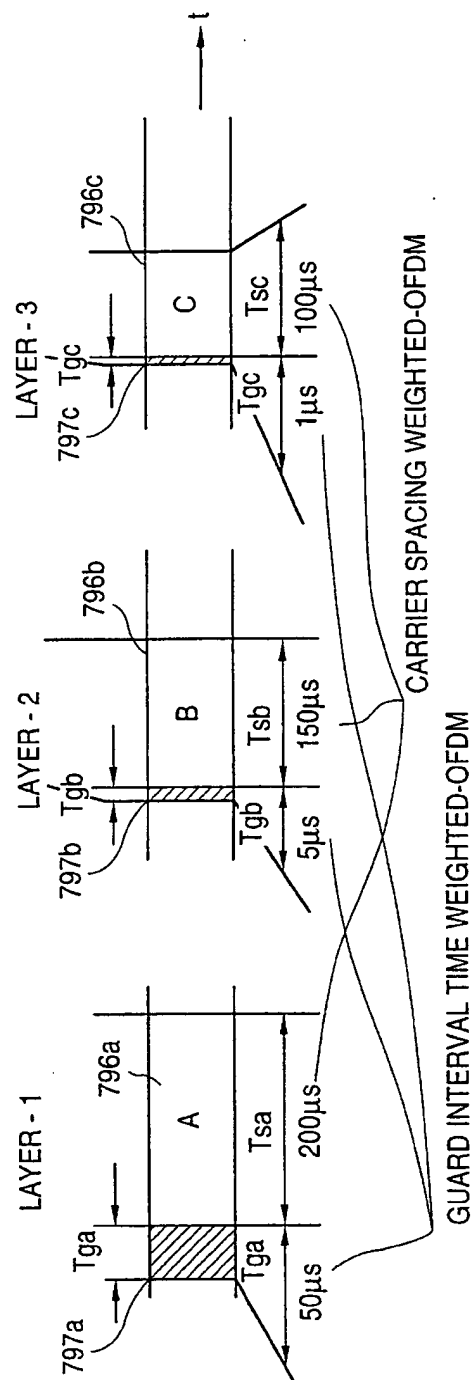


FIG. 149(c)

FIG. 150

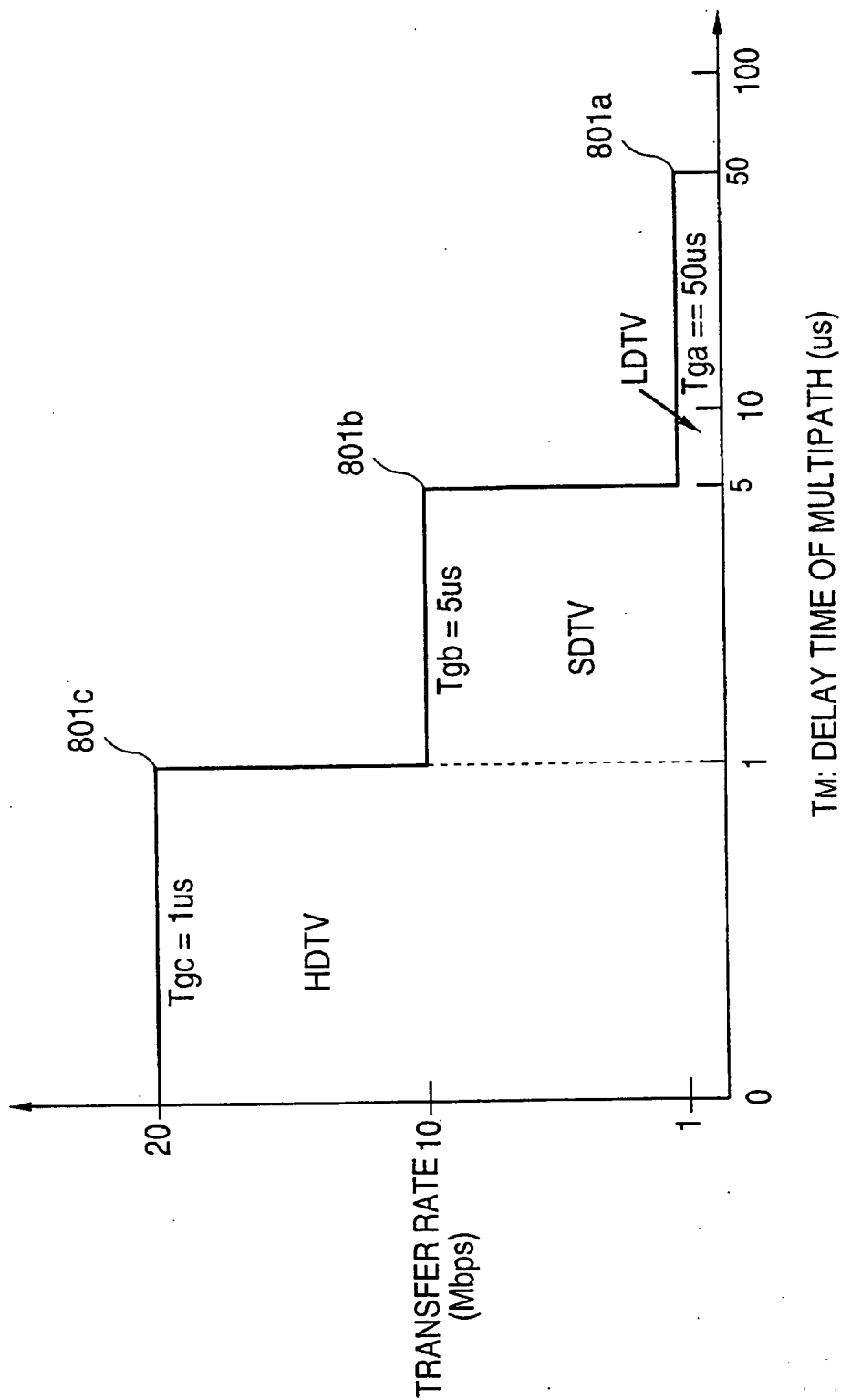


FIG. 151

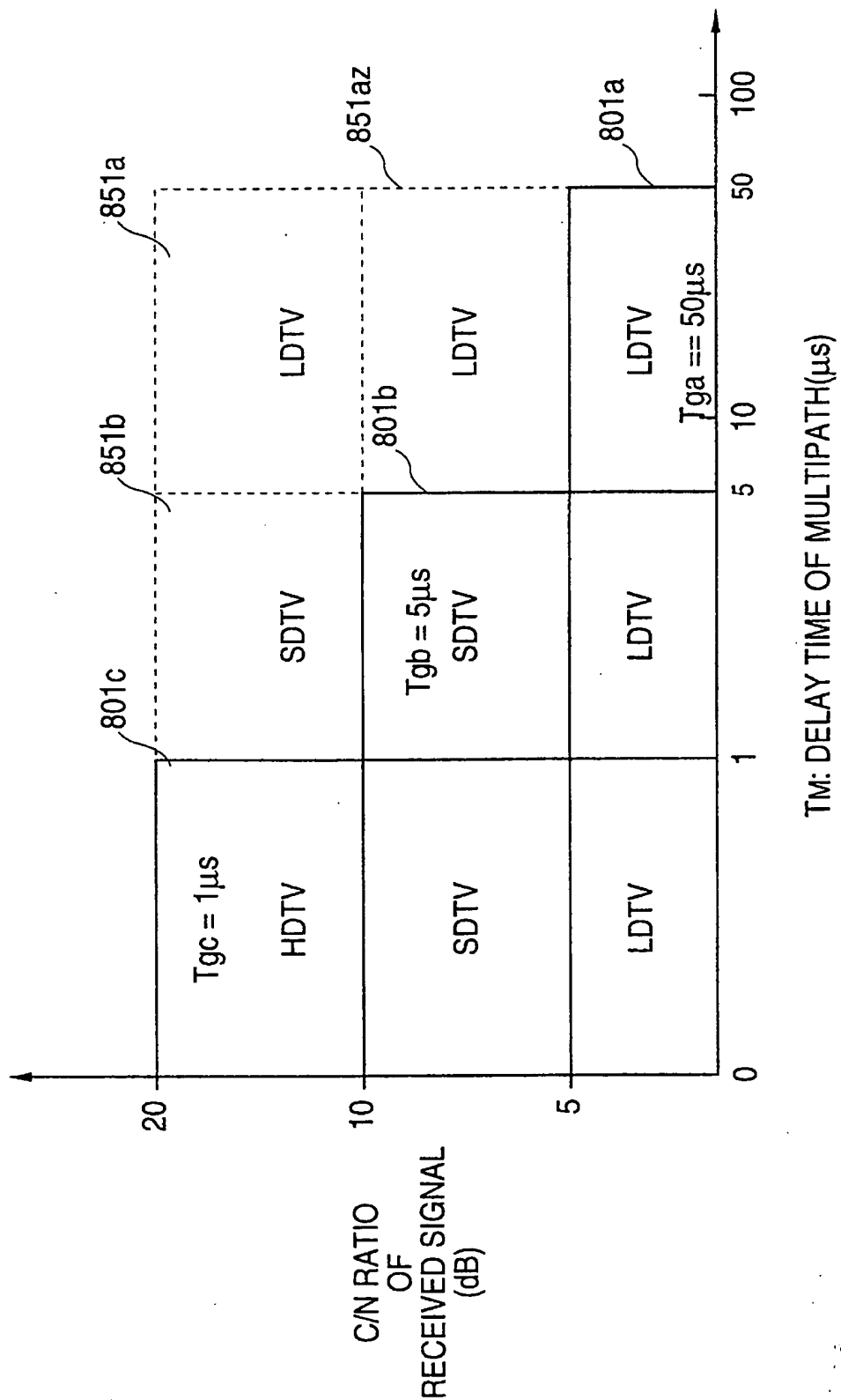


FIG. 152

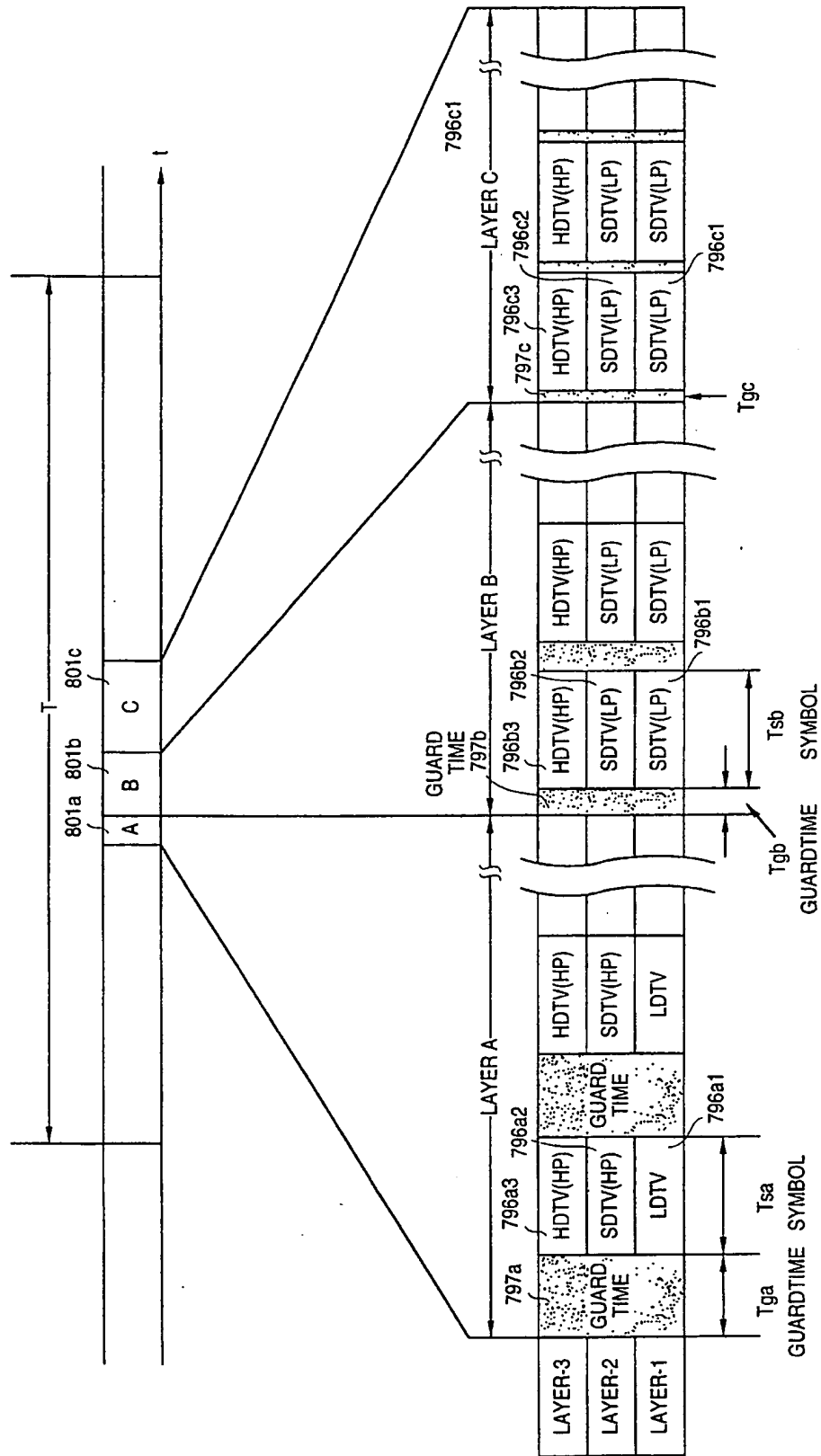
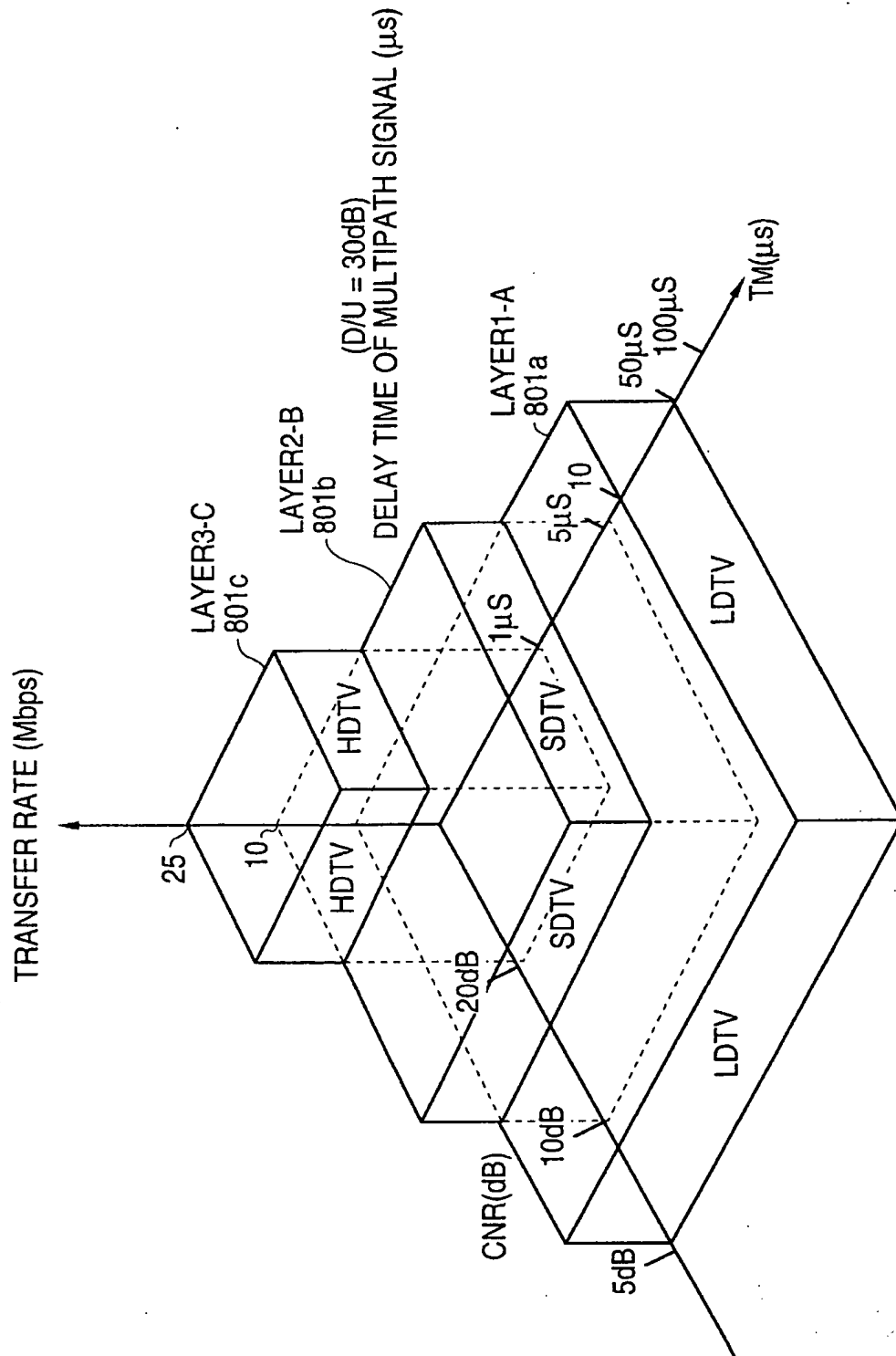
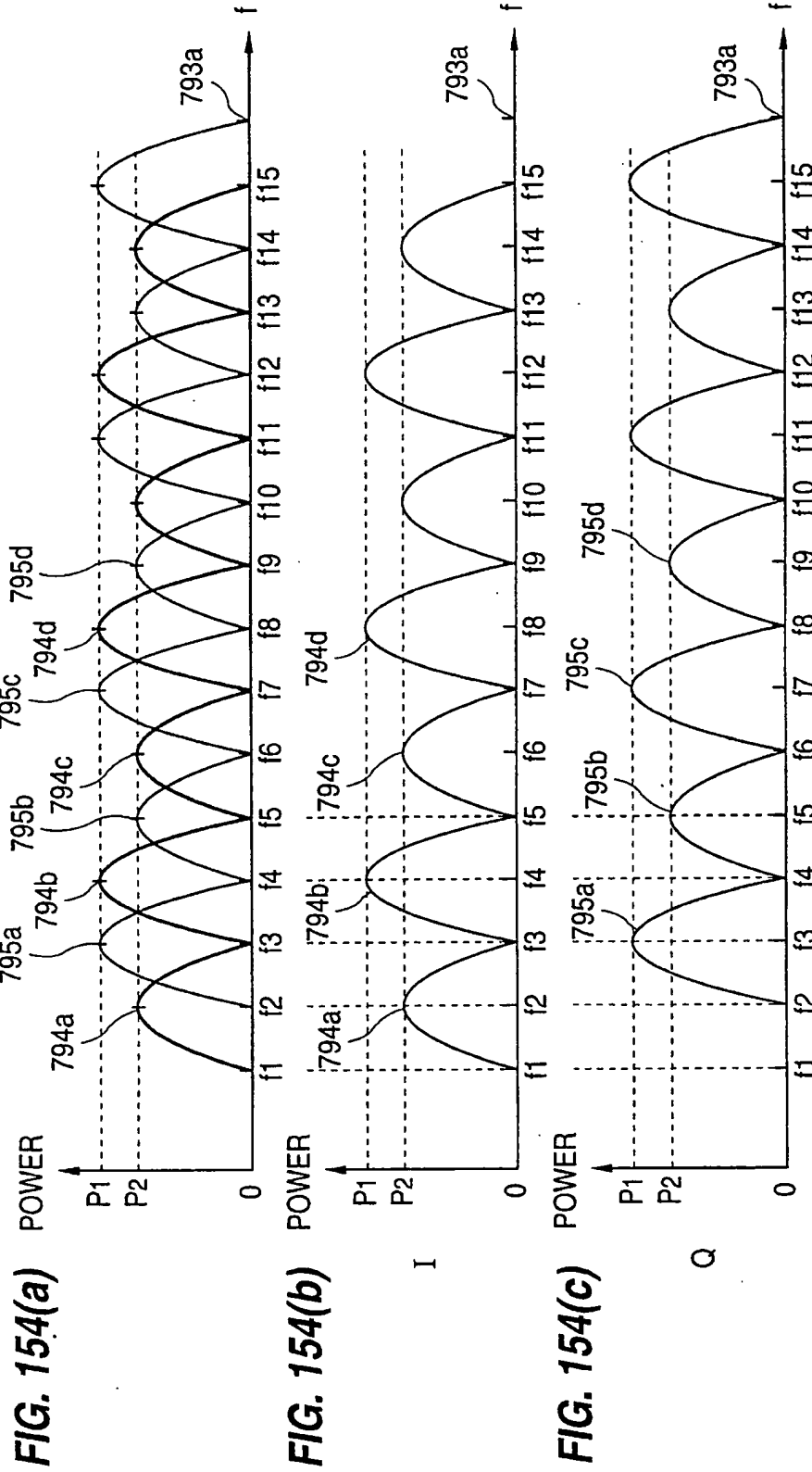


FIG. 153





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FIG. 155

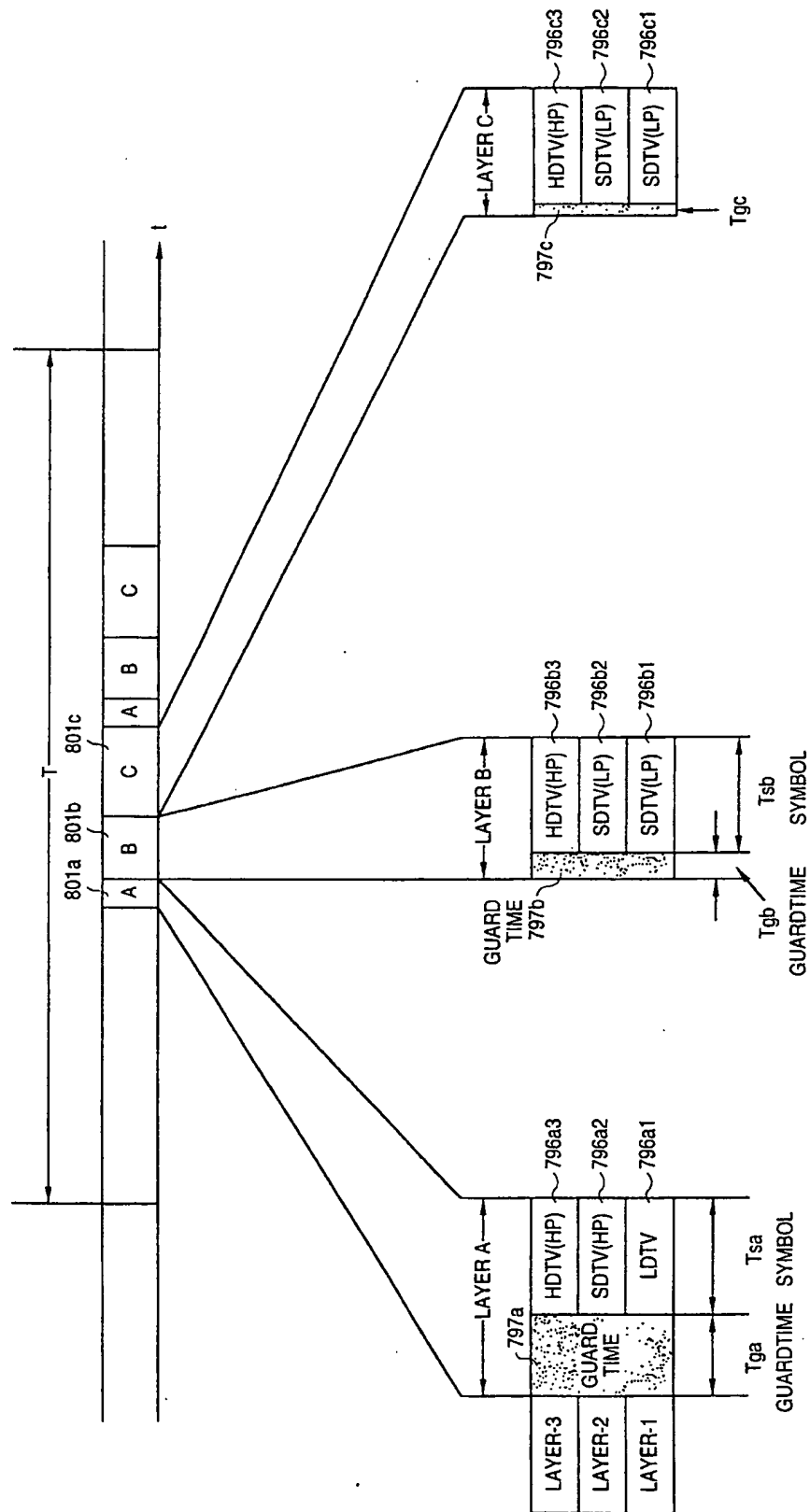


FIG. 156

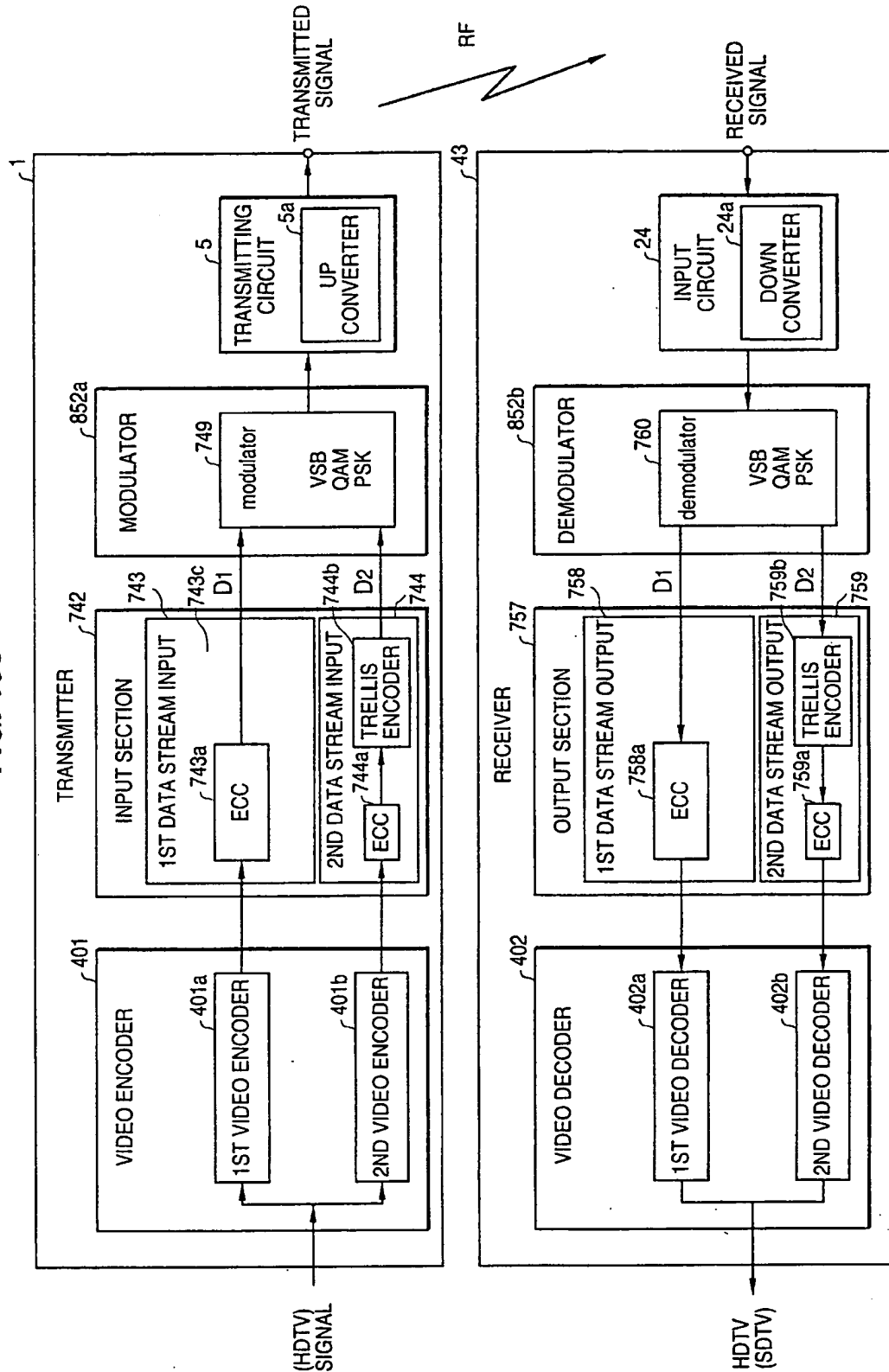


FIG. 157

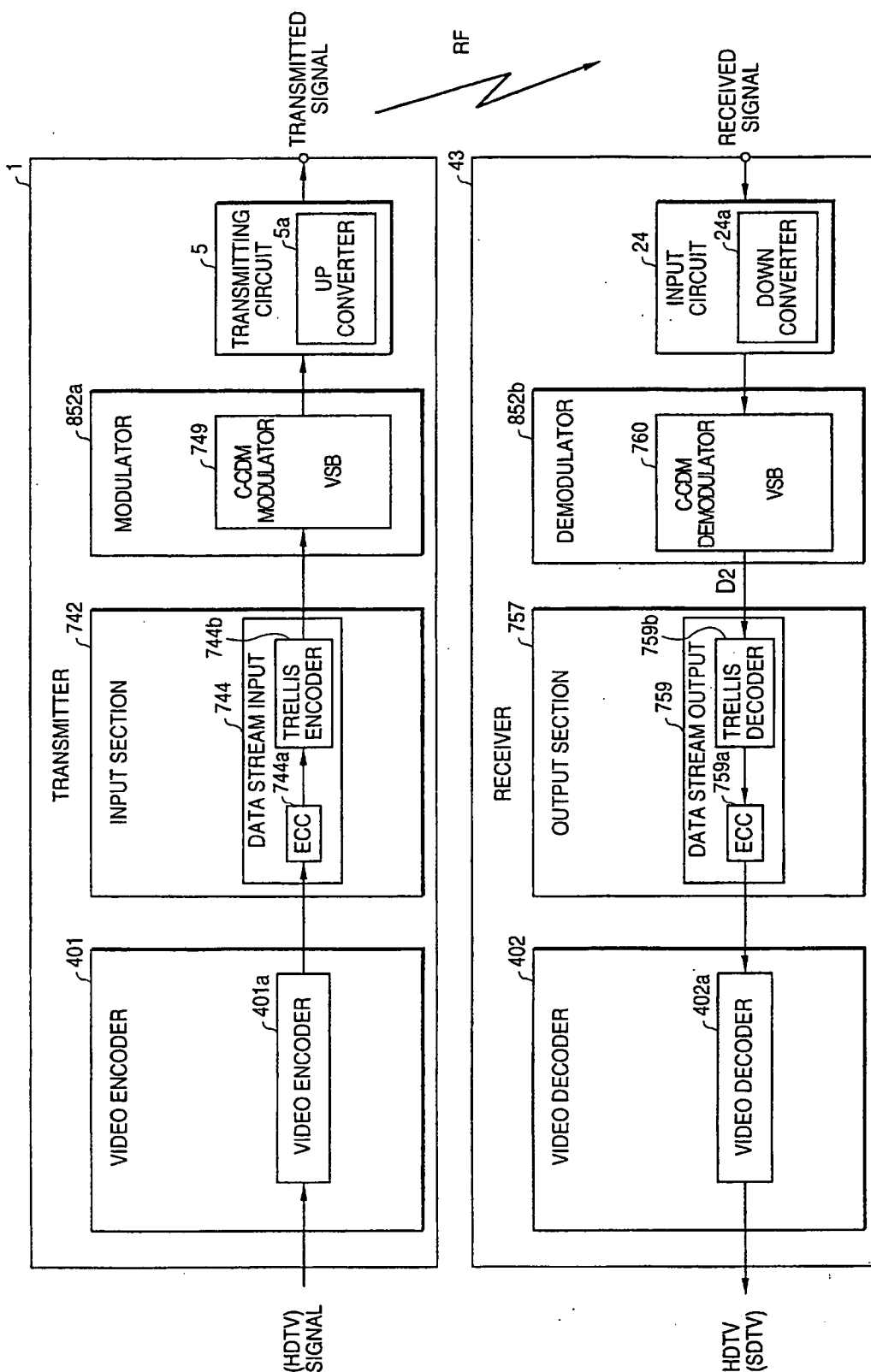
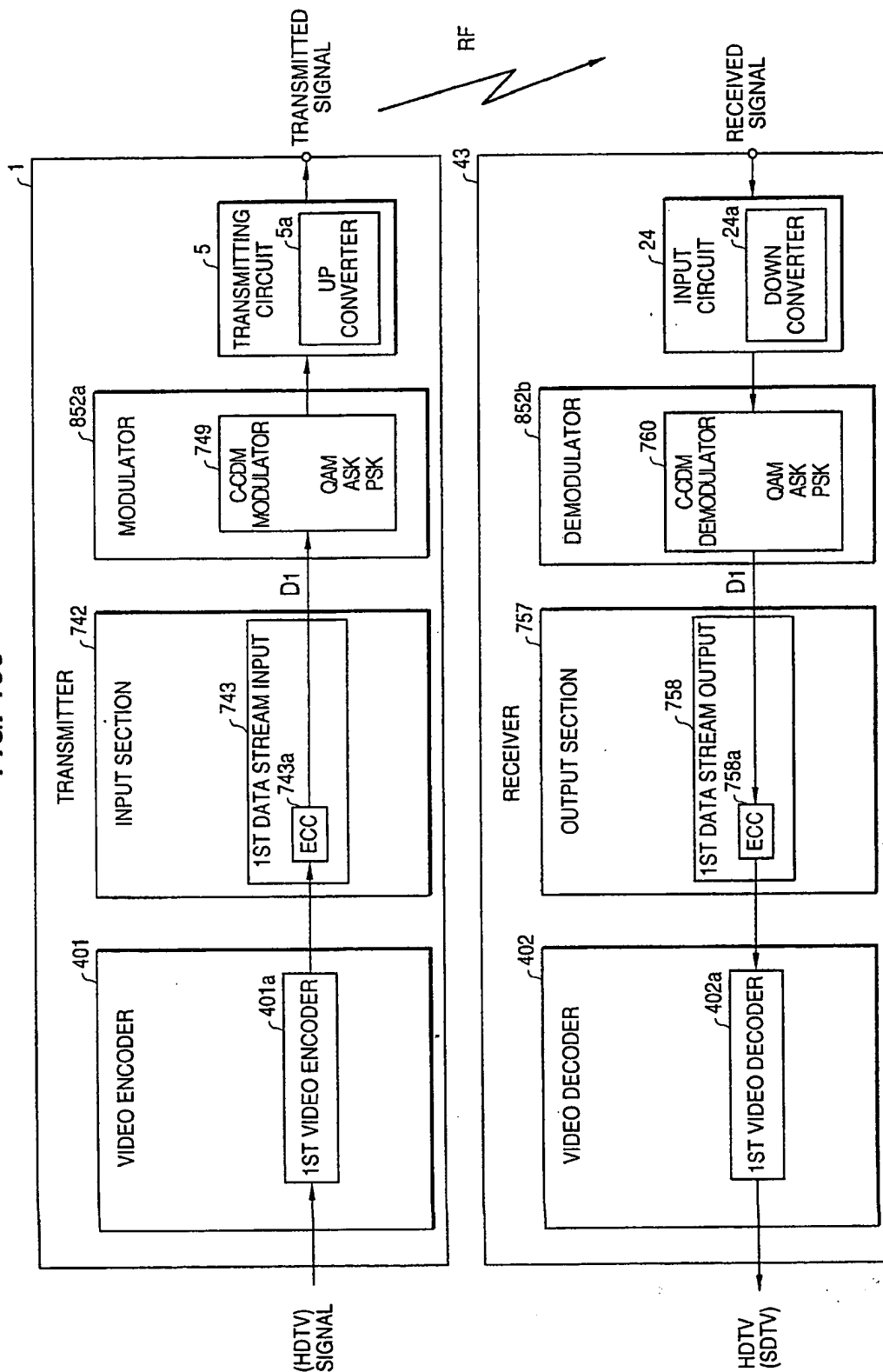


FIG. 158



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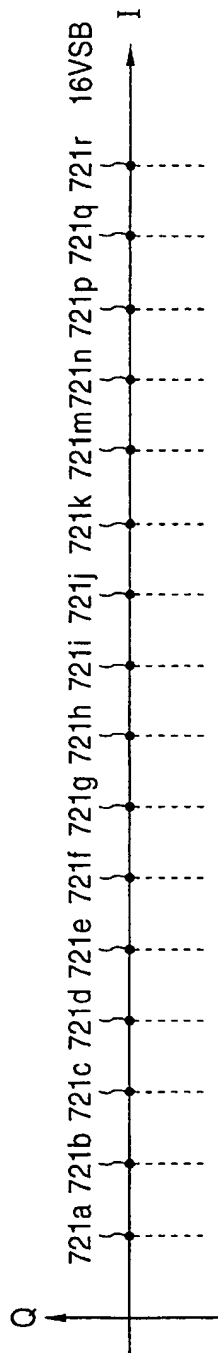


FIG. 159(a)

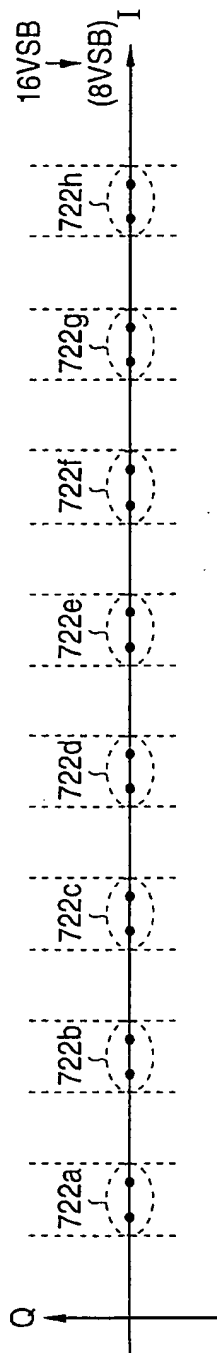


FIG. 159(b)

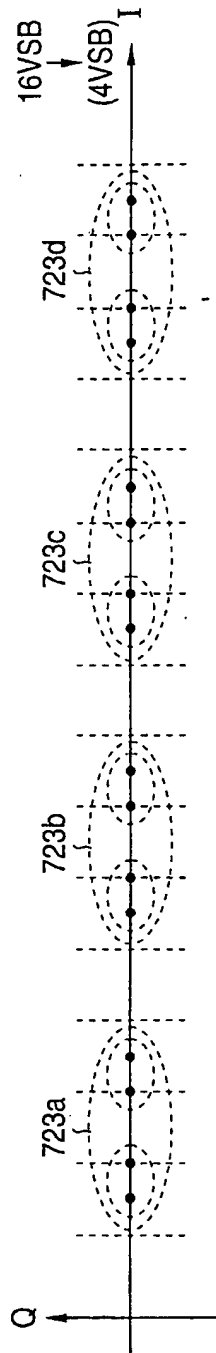


FIG. 159(c)

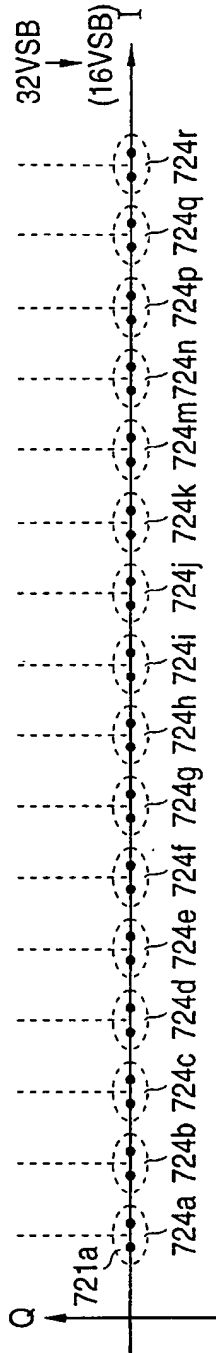


FIG. 159(d)

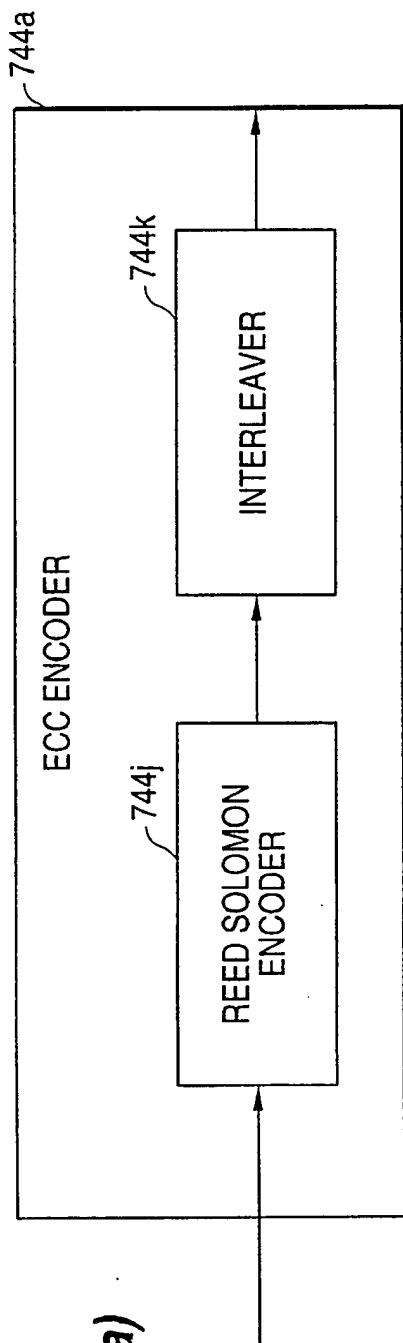


FIG. 160(a)

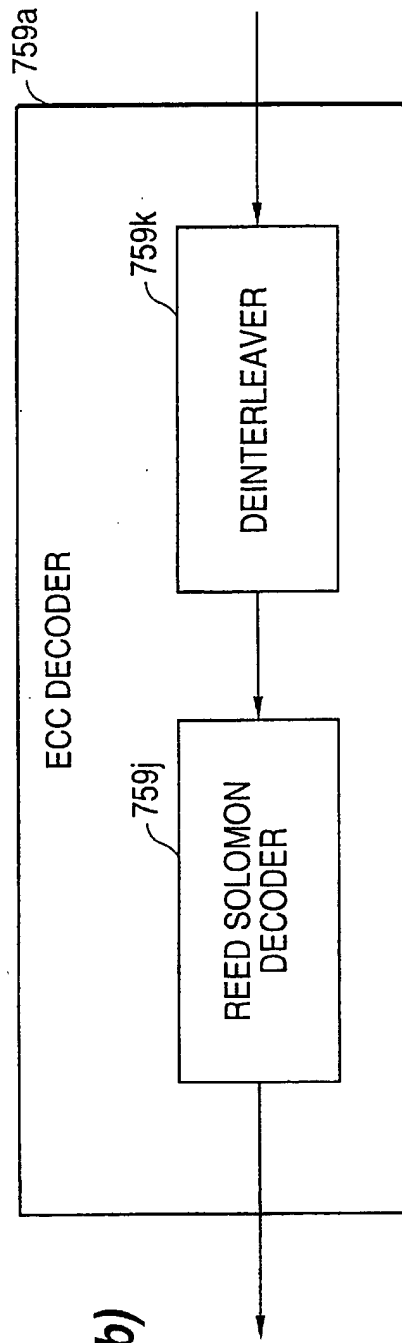


FIG. 160(b)

FIG. 161

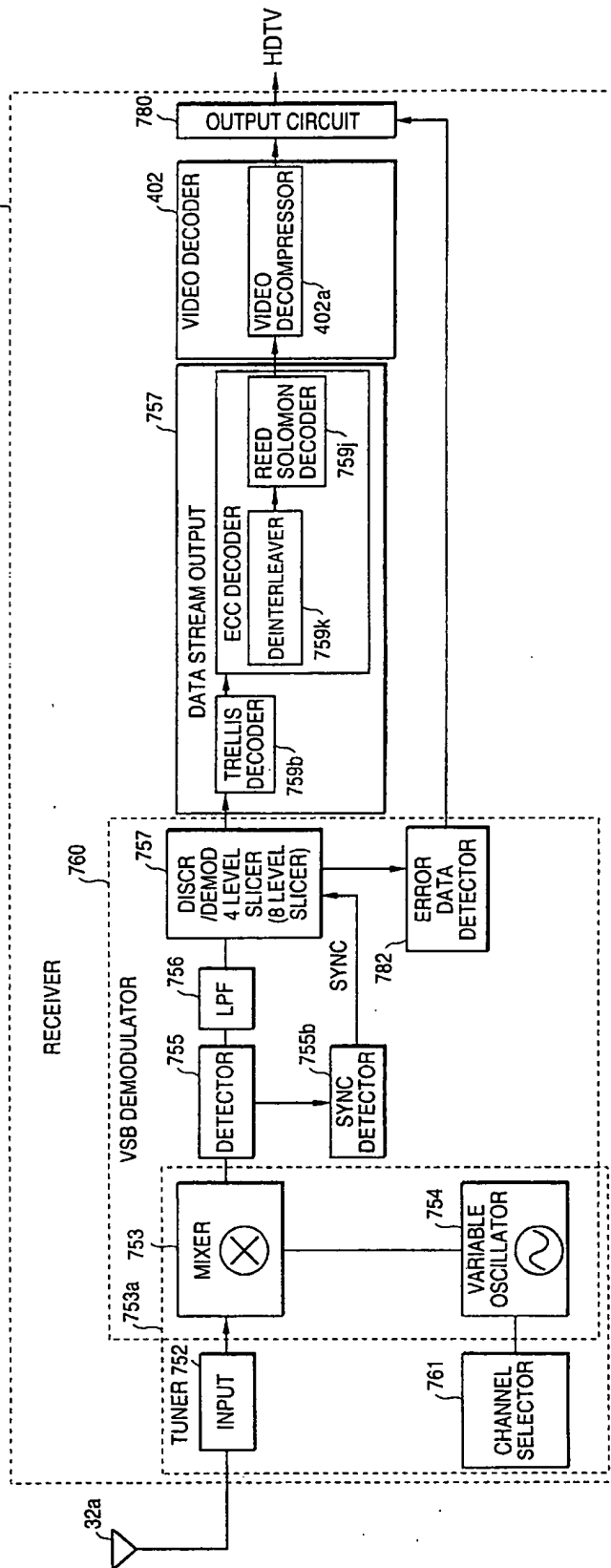


FIG. 162

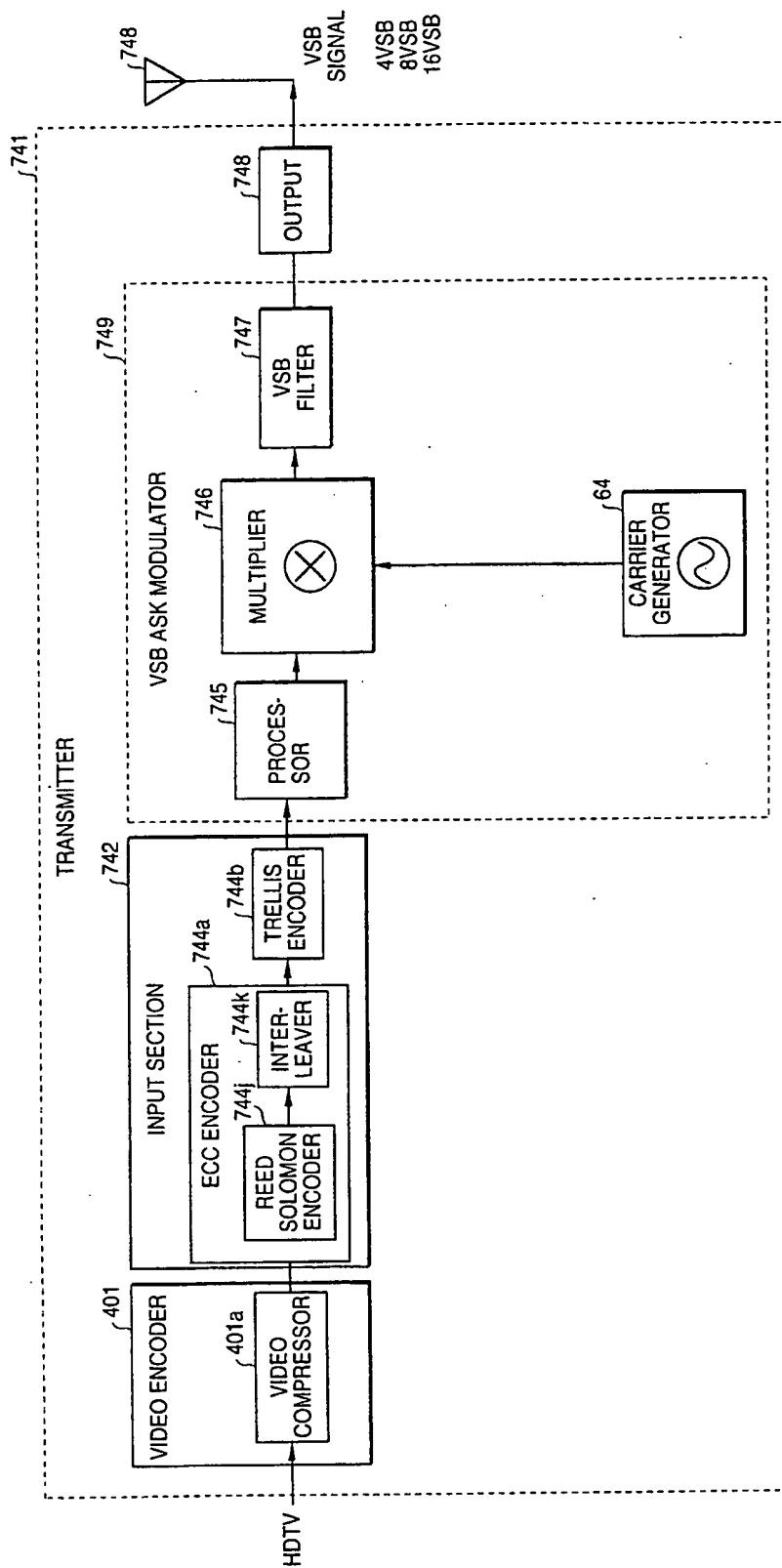


FIG. 163

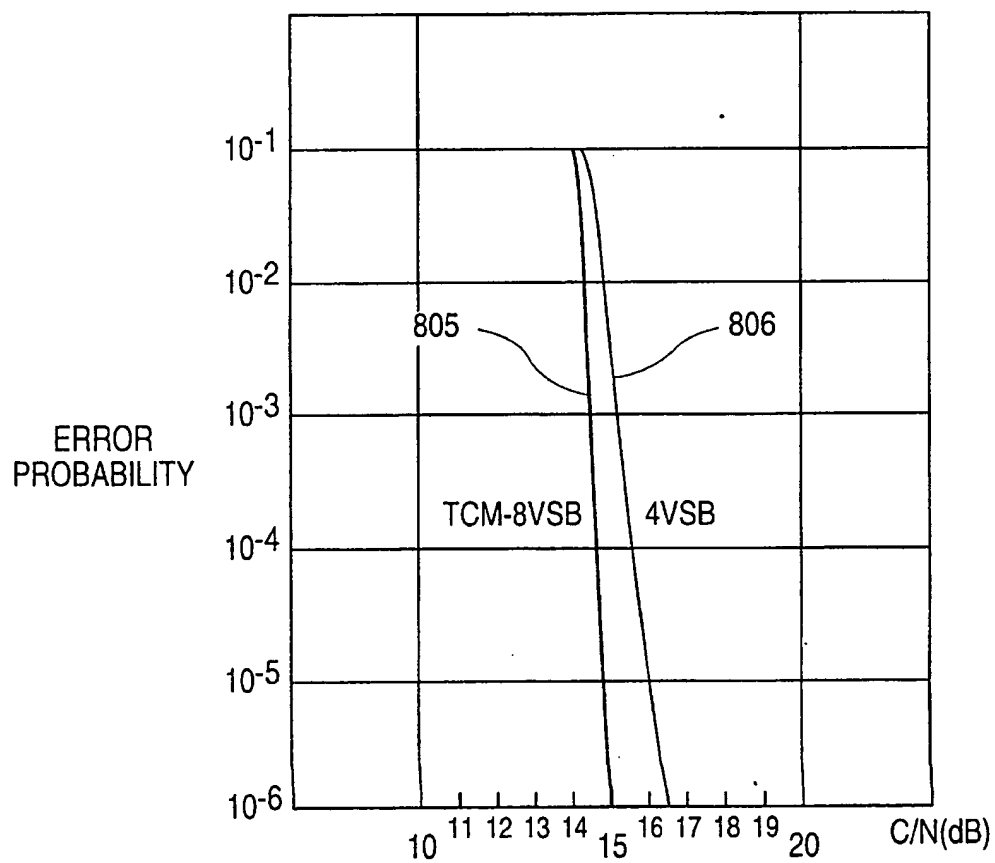
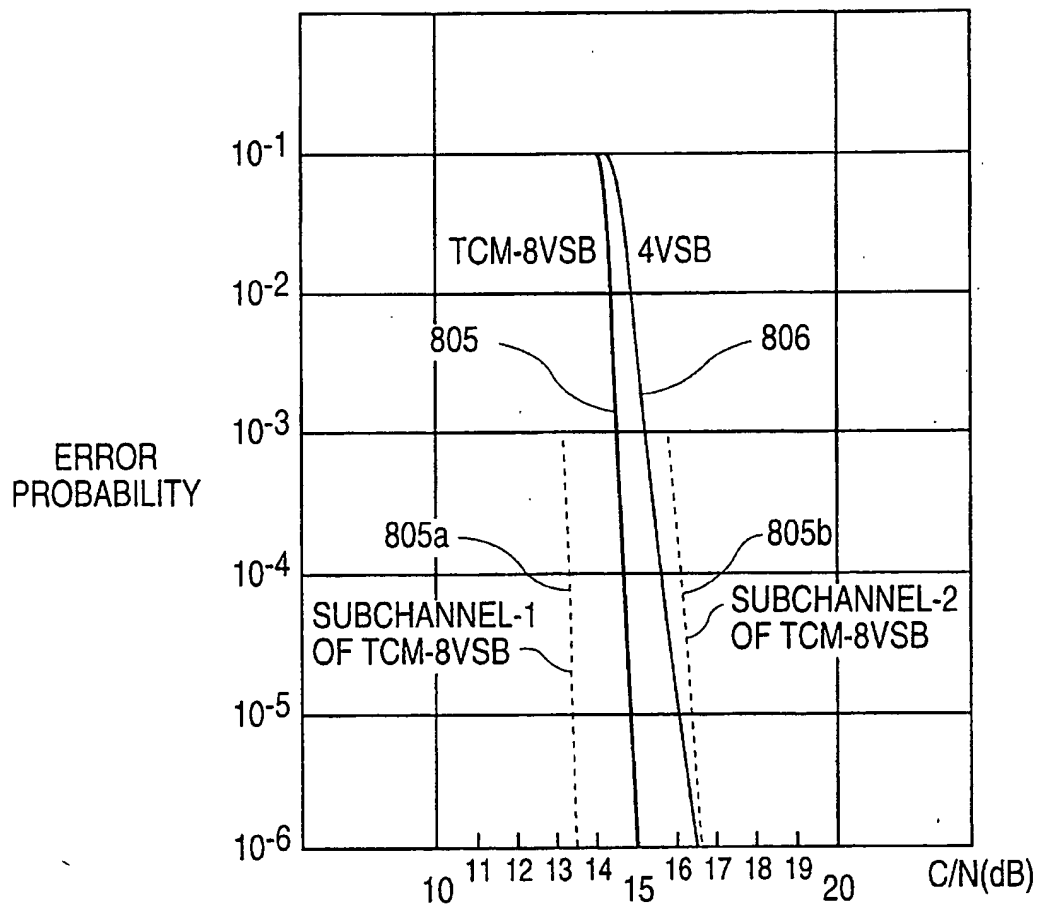


FIG. 164



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FIG. 165(a)

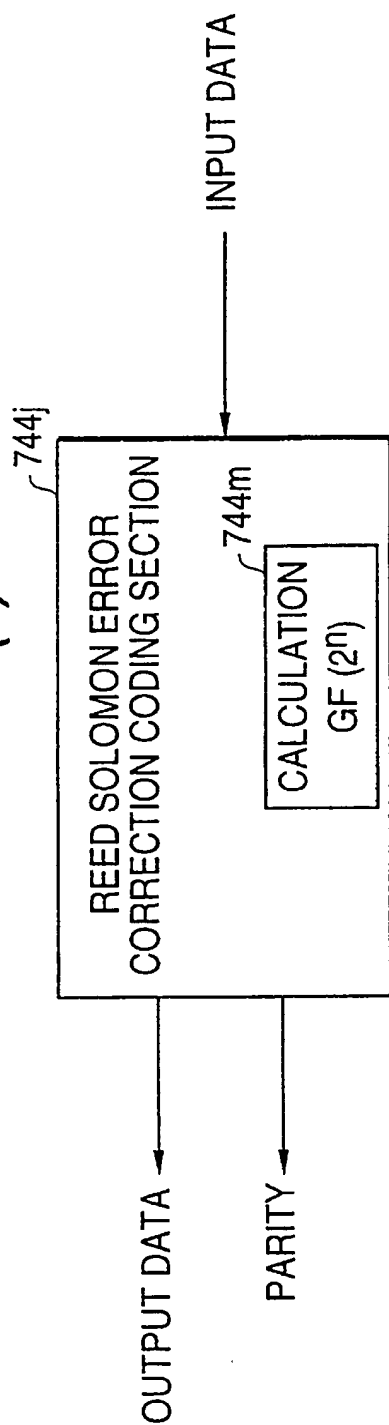


FIG. 165(b)

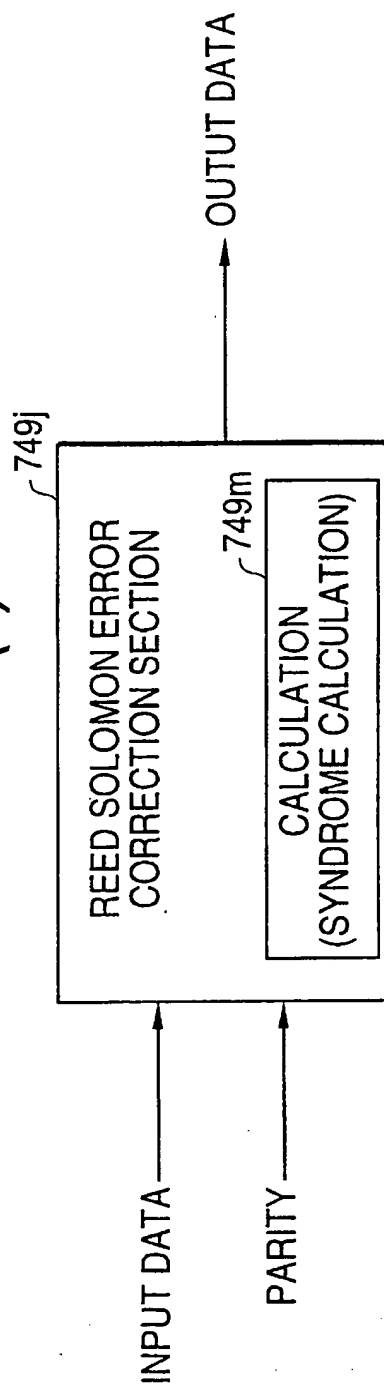
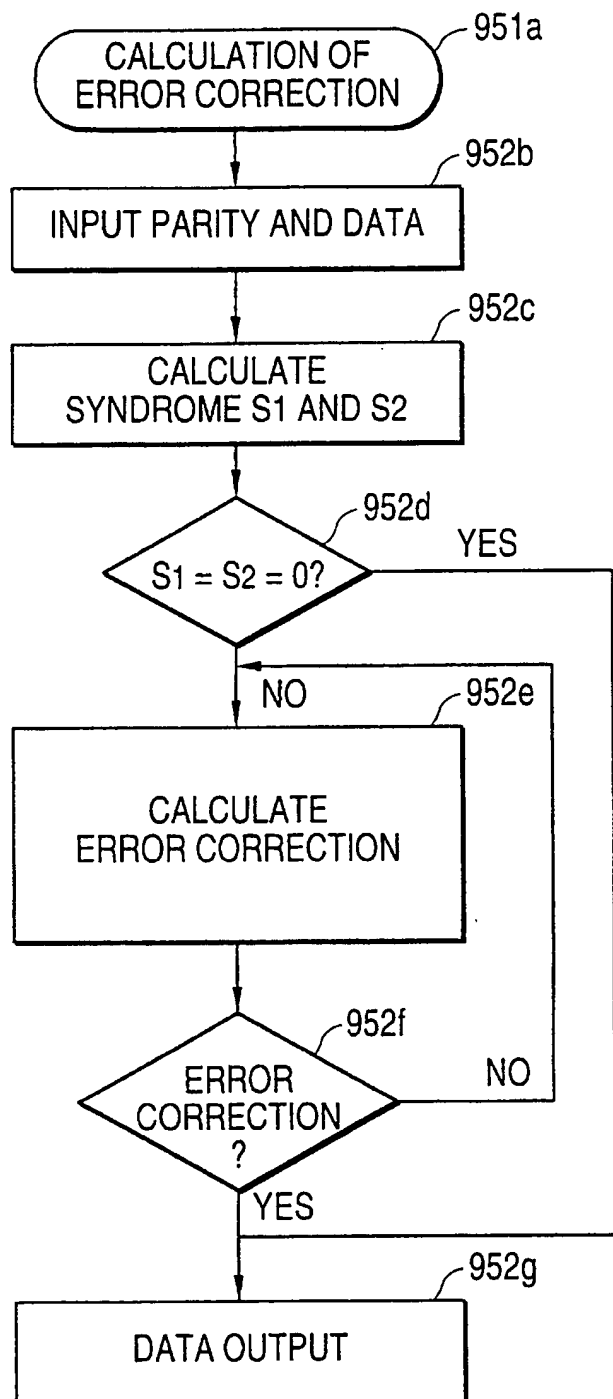
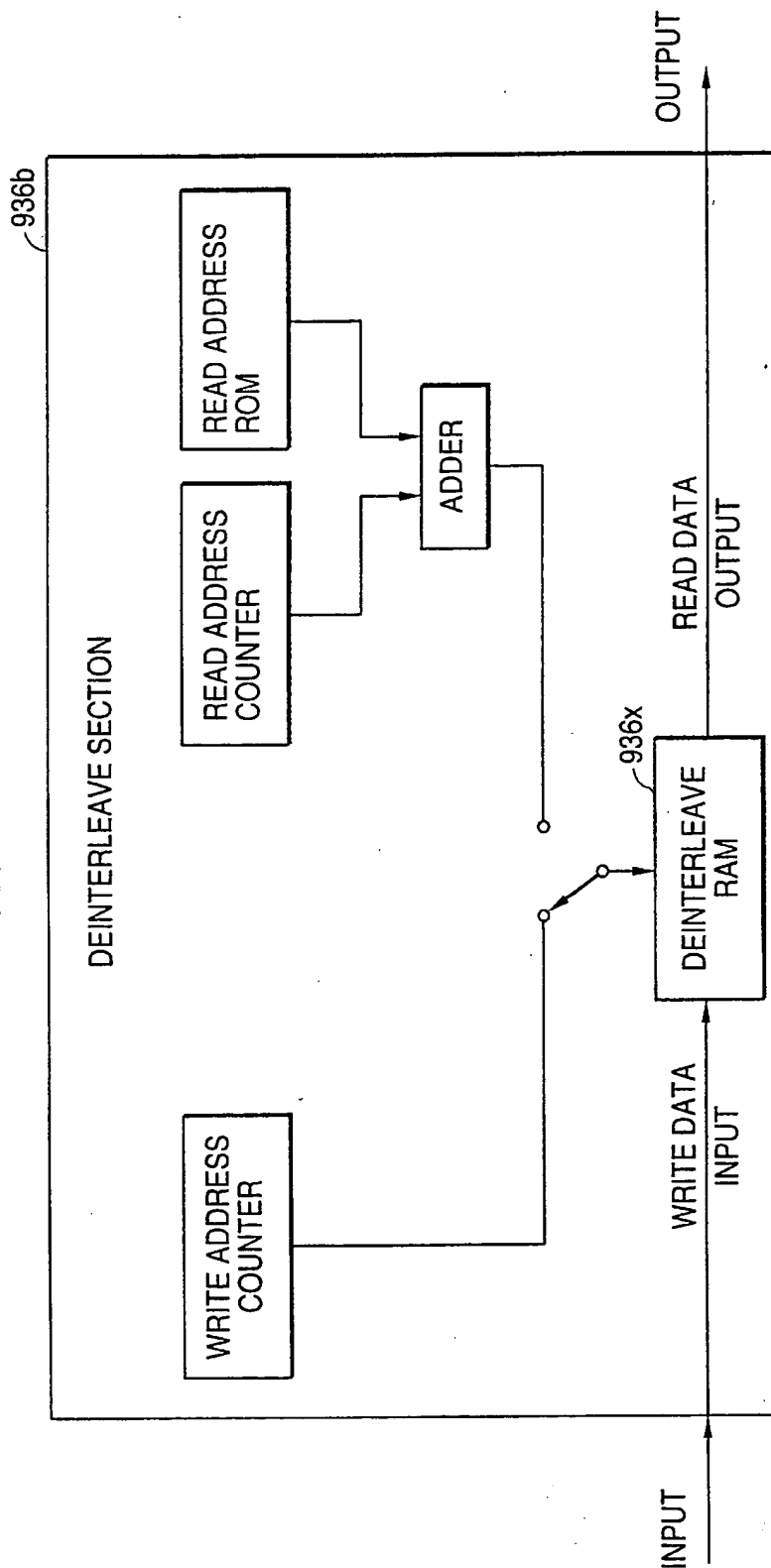


FIG. 166

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FIG. 167



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FIG. 168(a)

INTERLEAVE TABLE

	1	2	3	4	5	6	7
	DATA						C2 PARITY
1	A 1	A 2	A 3	A 4	A 5	A 6	PARITY
2	B 1	B 2	B 3	B 4			
3	C 1						
4	D 1						
5	E 1						
6	F 1						
C1 PARITY	PARITY	PARITY	PARITY	PARITY	PARITY	PARITY	PARITY

FIG. 168(b)

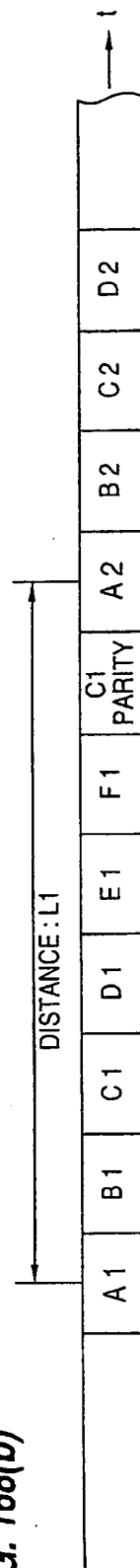


FIG. 169

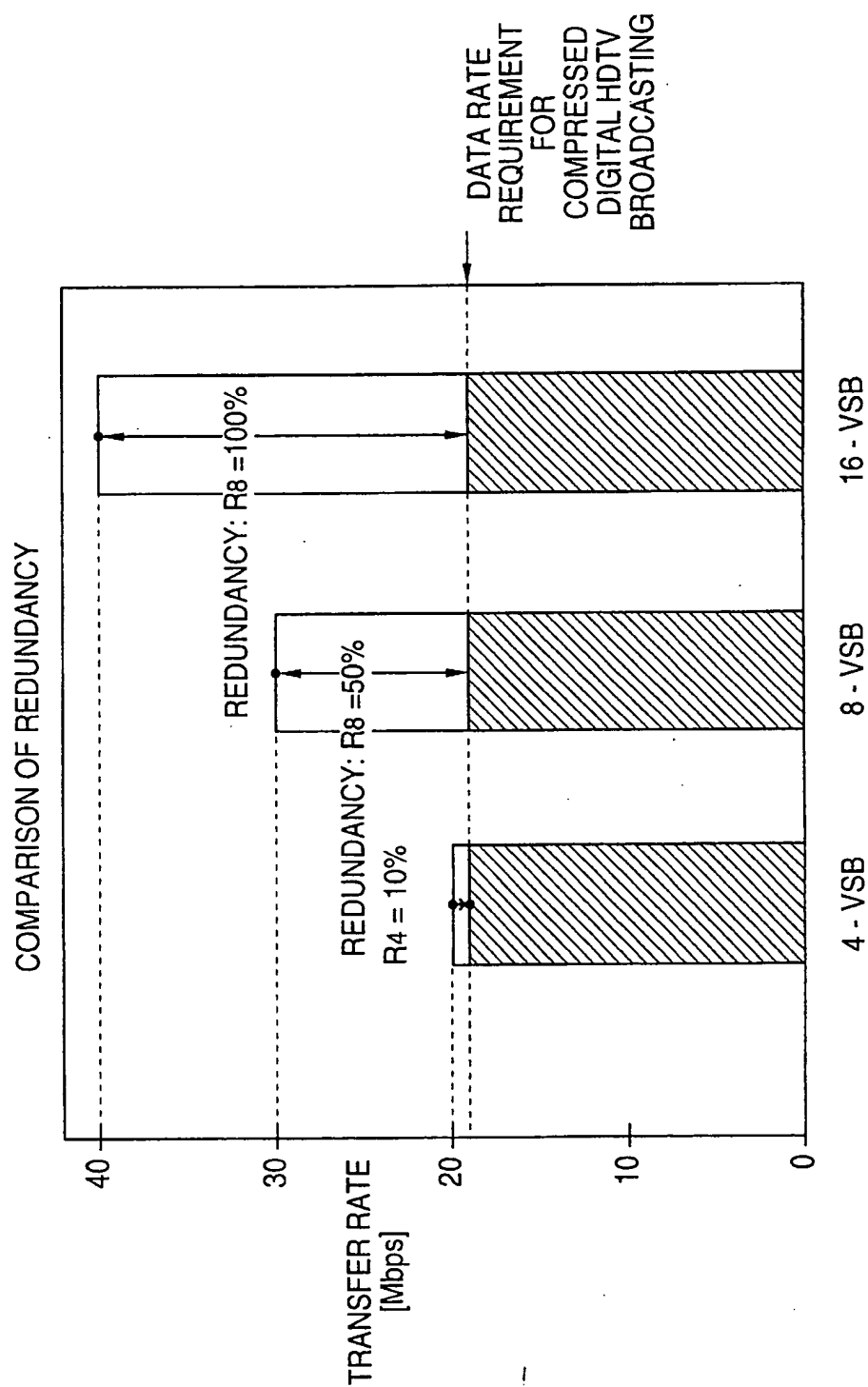


FIG. 170

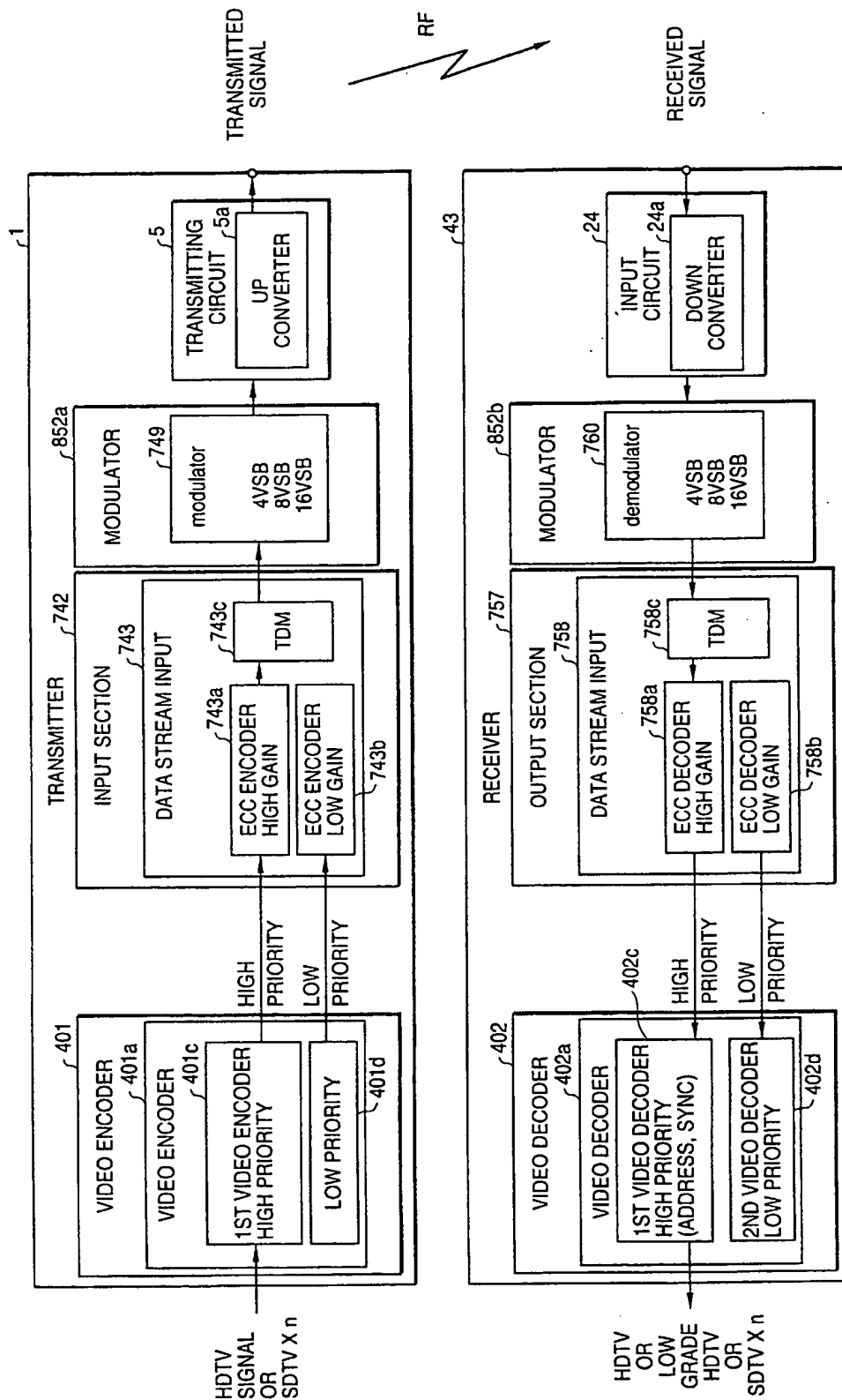


FIG. 171

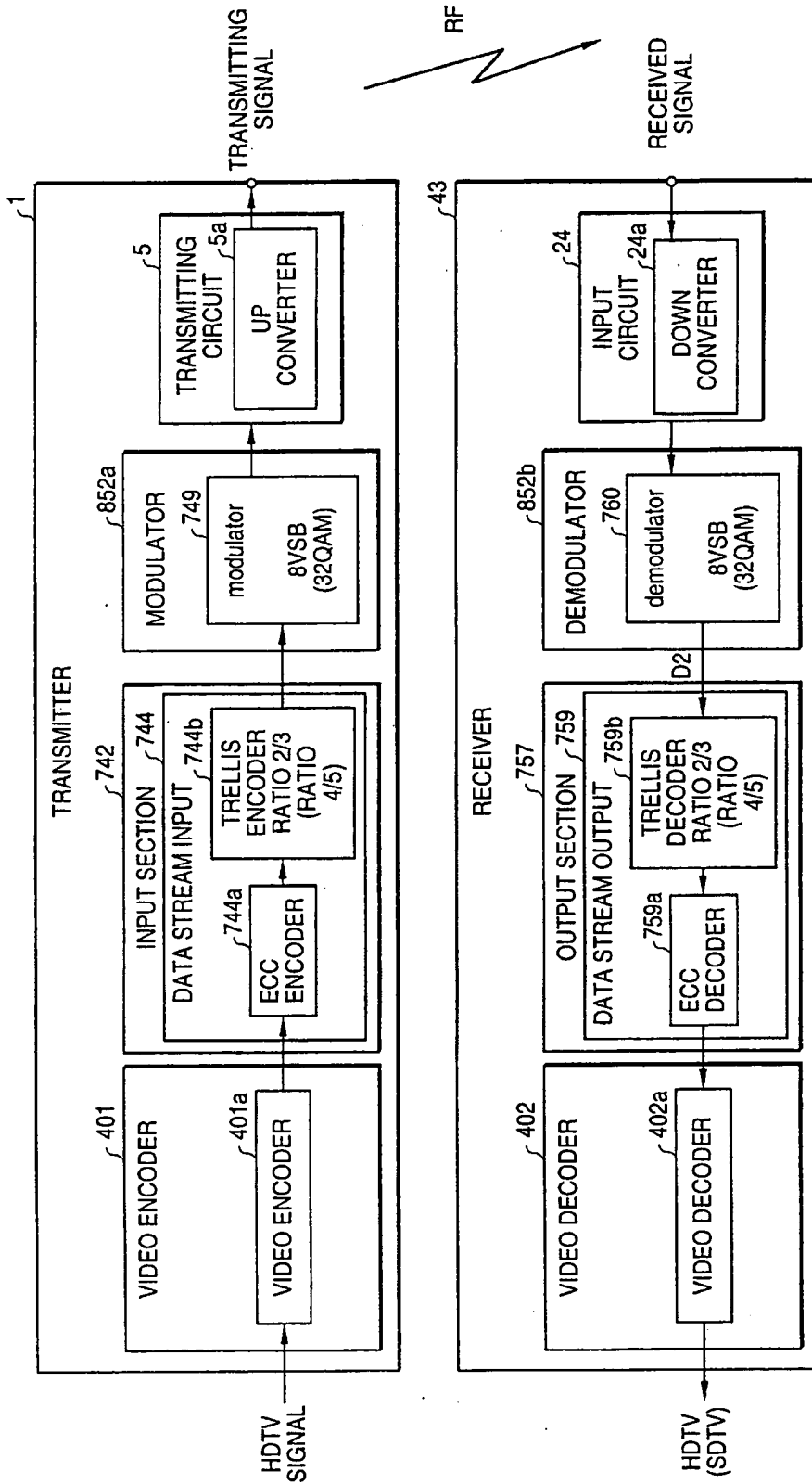


FIG. 172

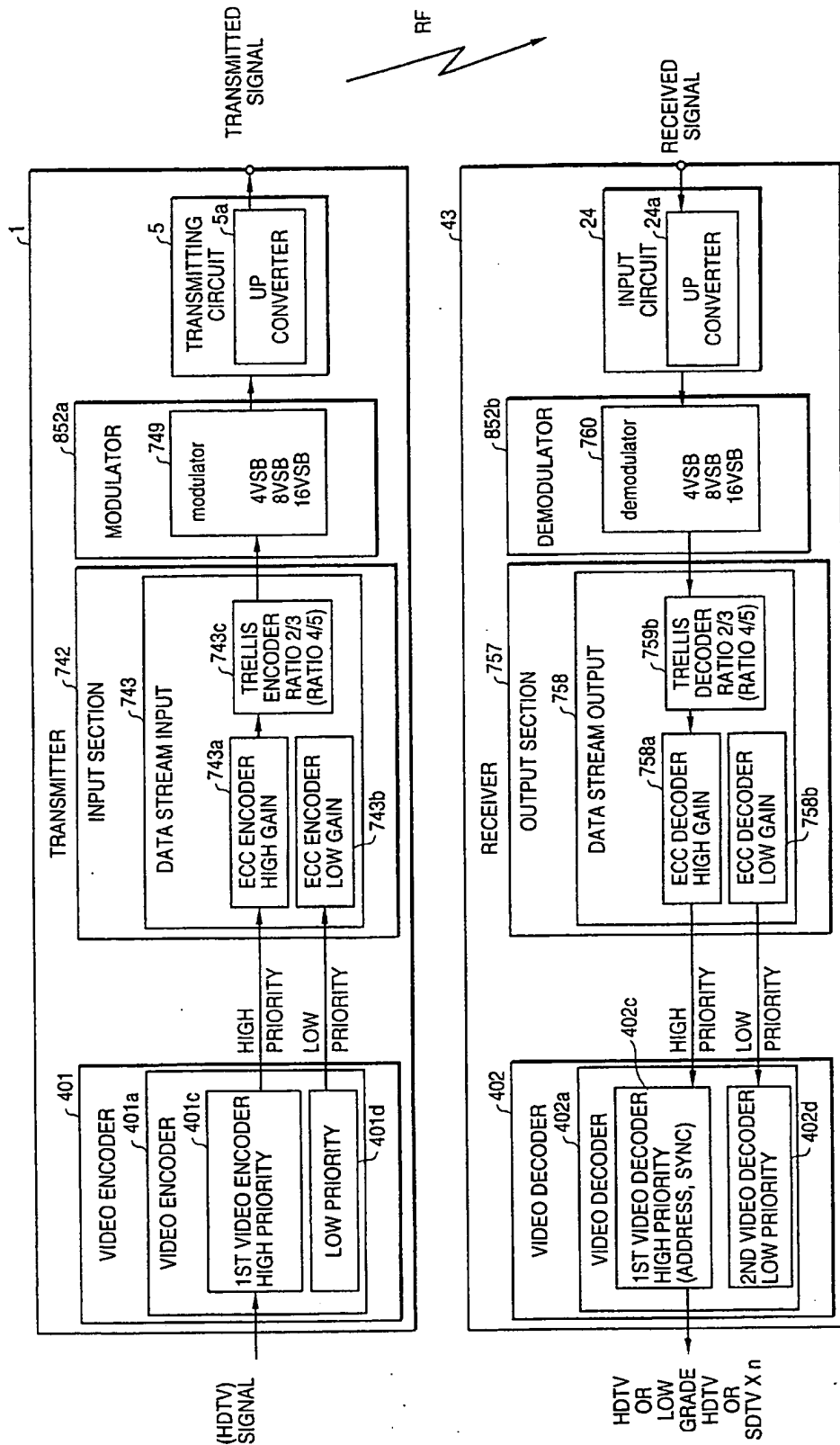


FIG. 173

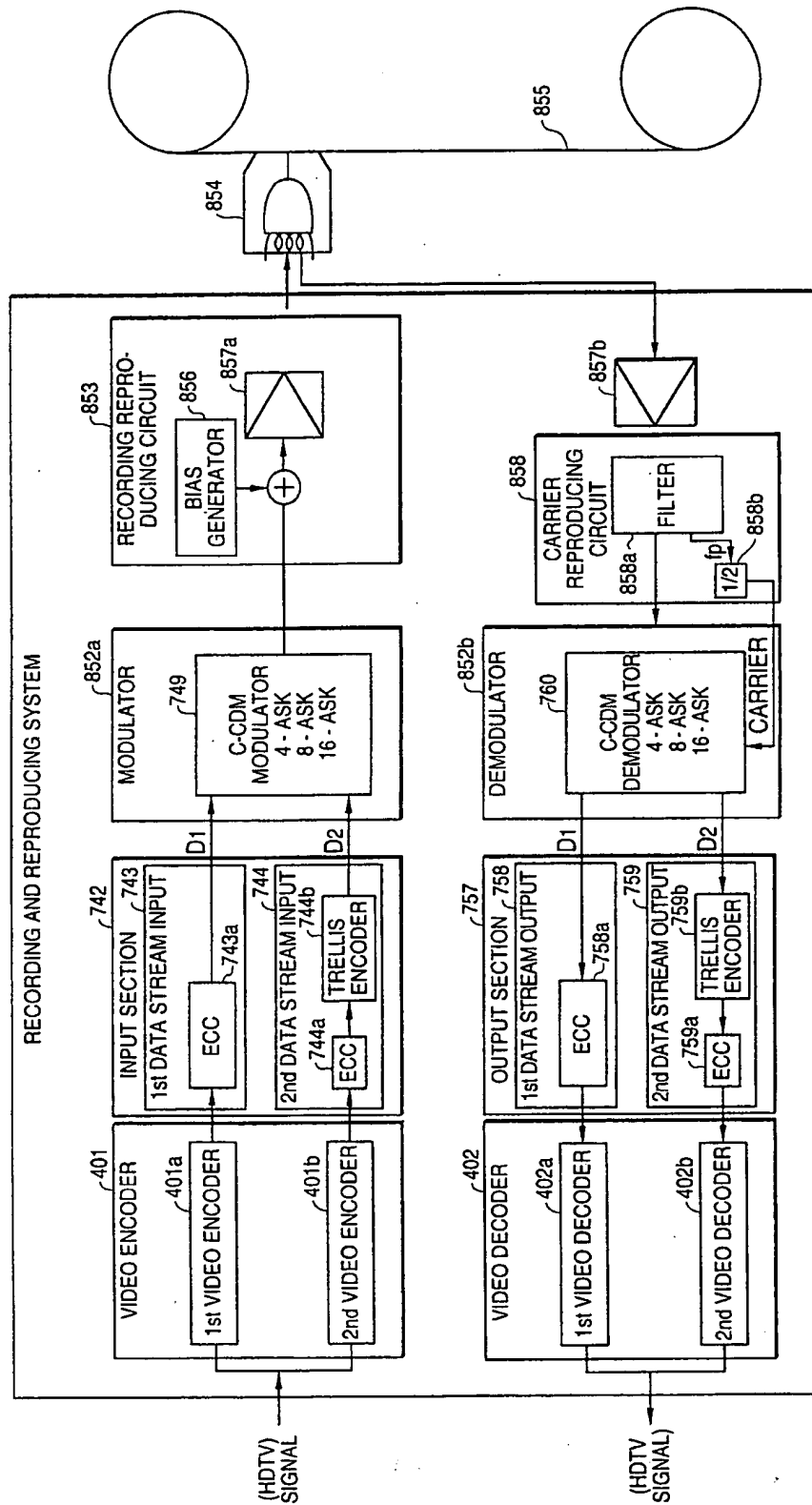


FIG. 174

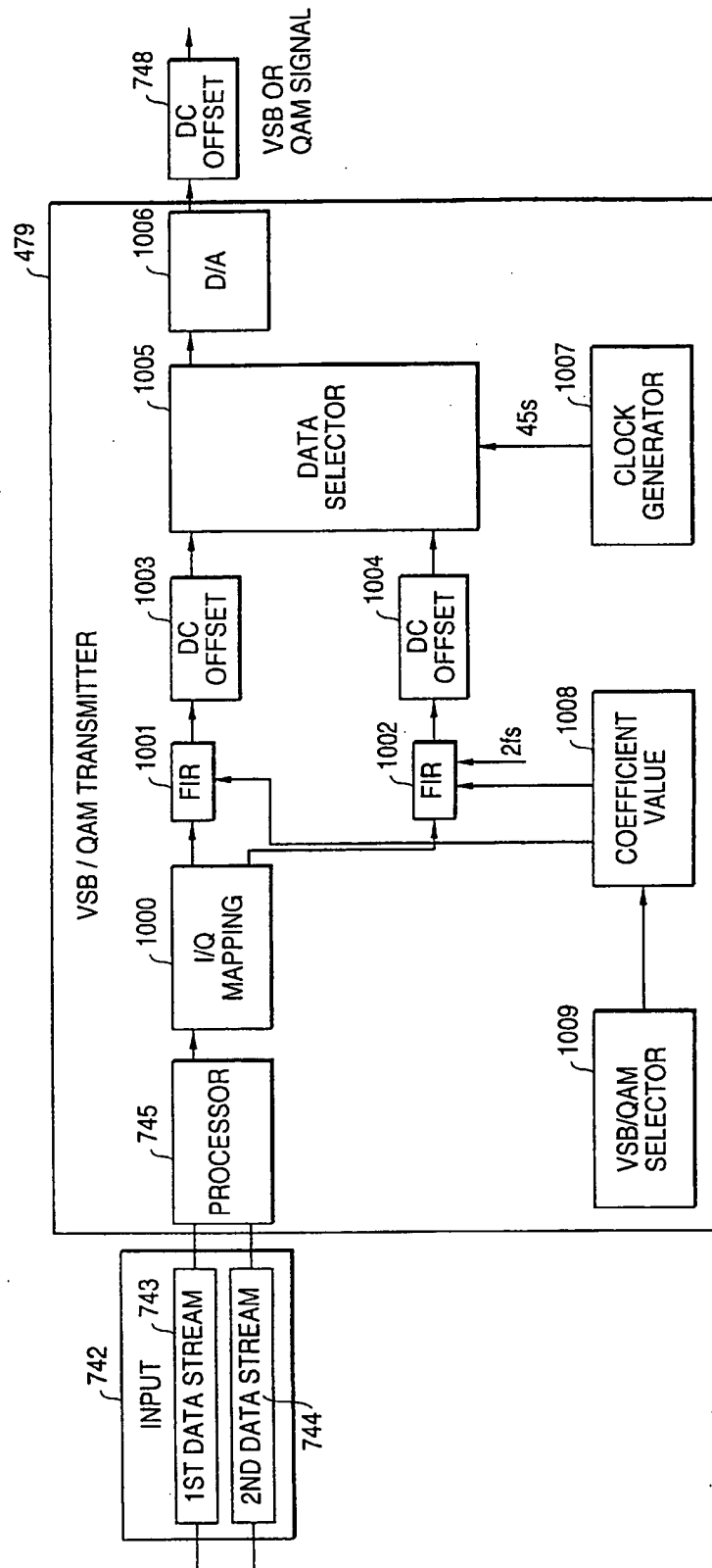


FIG. 175

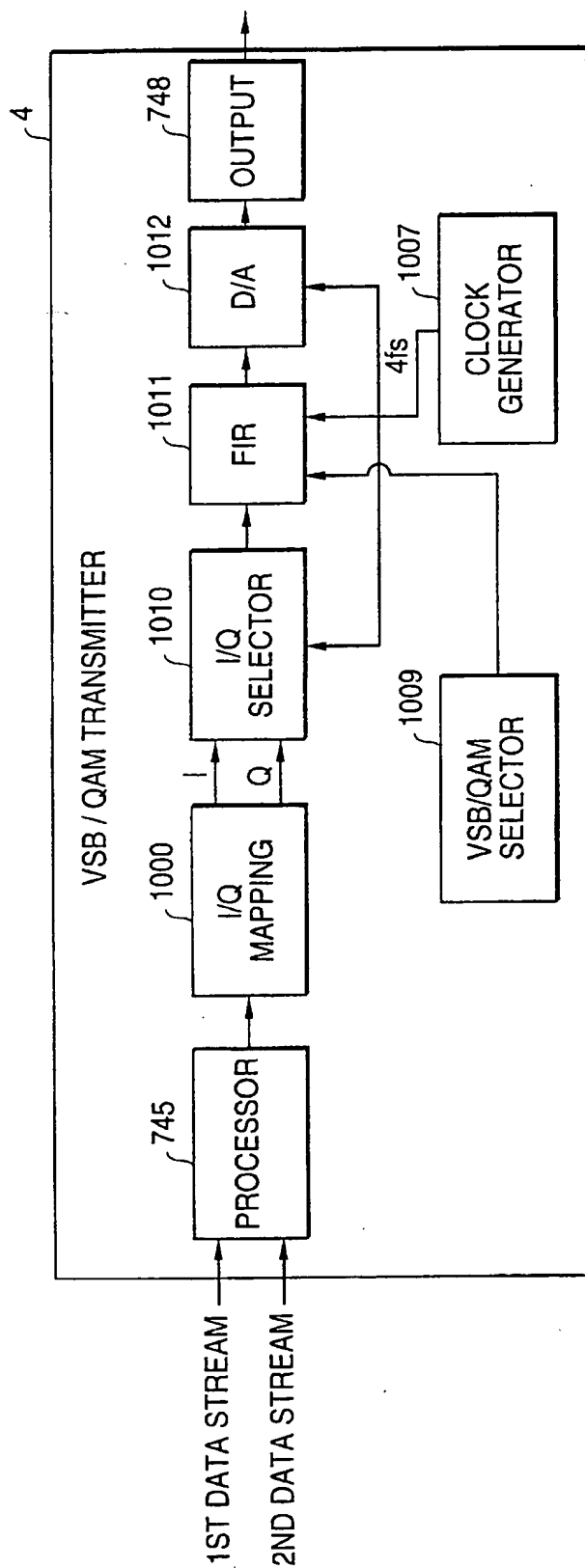


FIG. 176

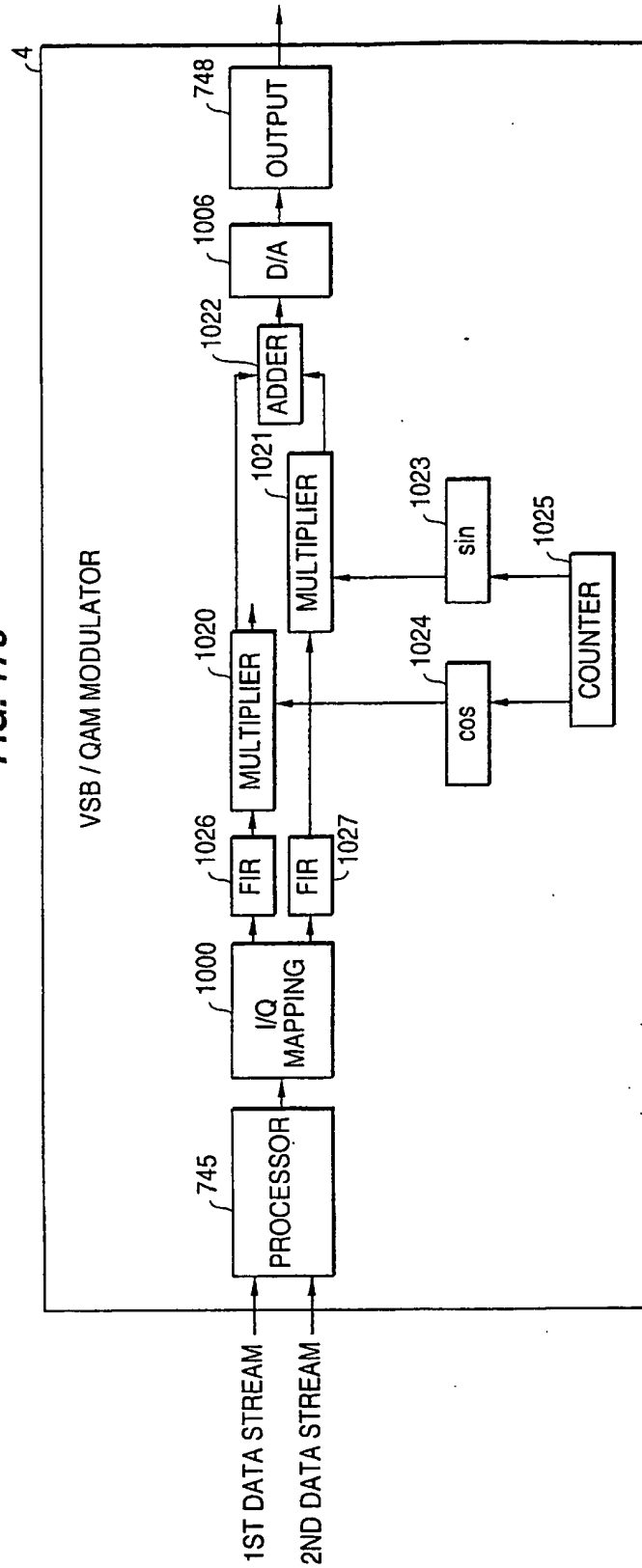


FIG. 177

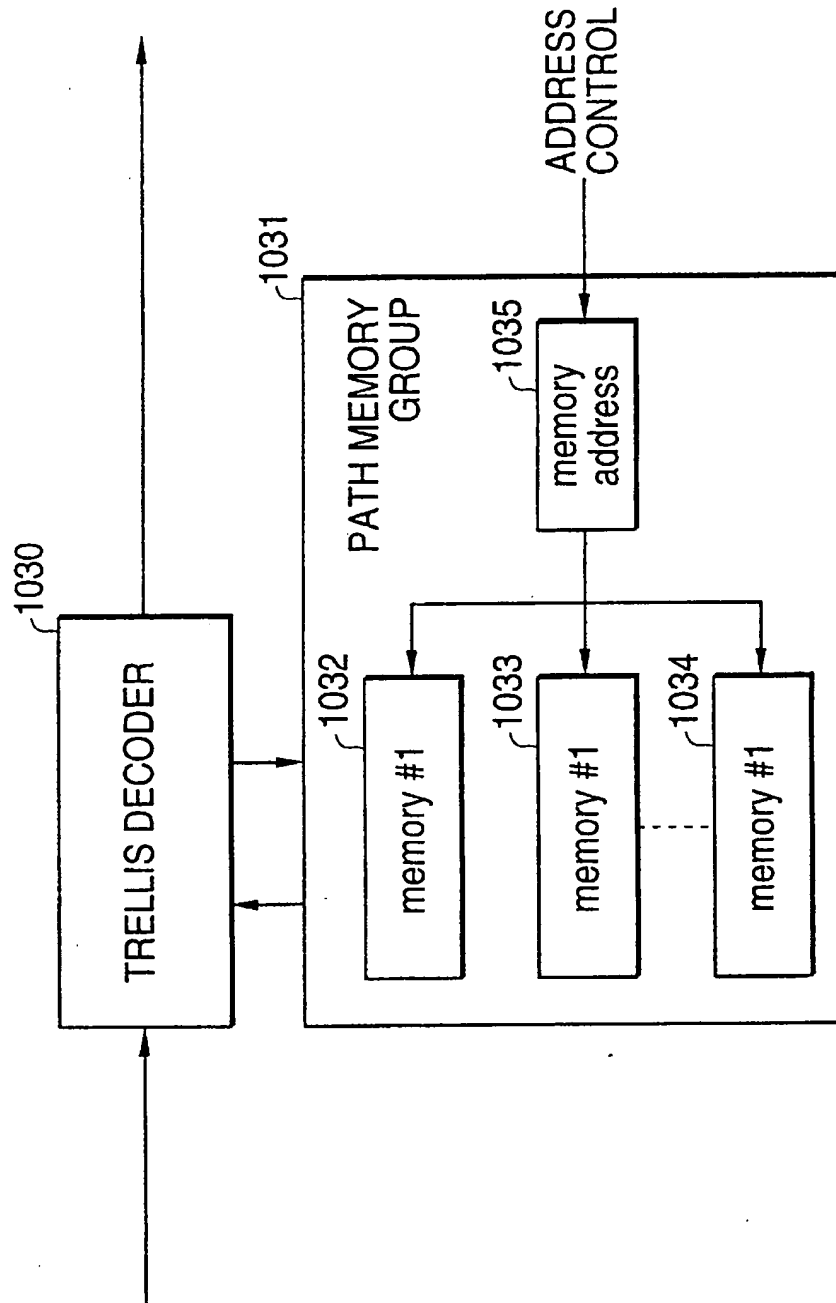


FIG. 178

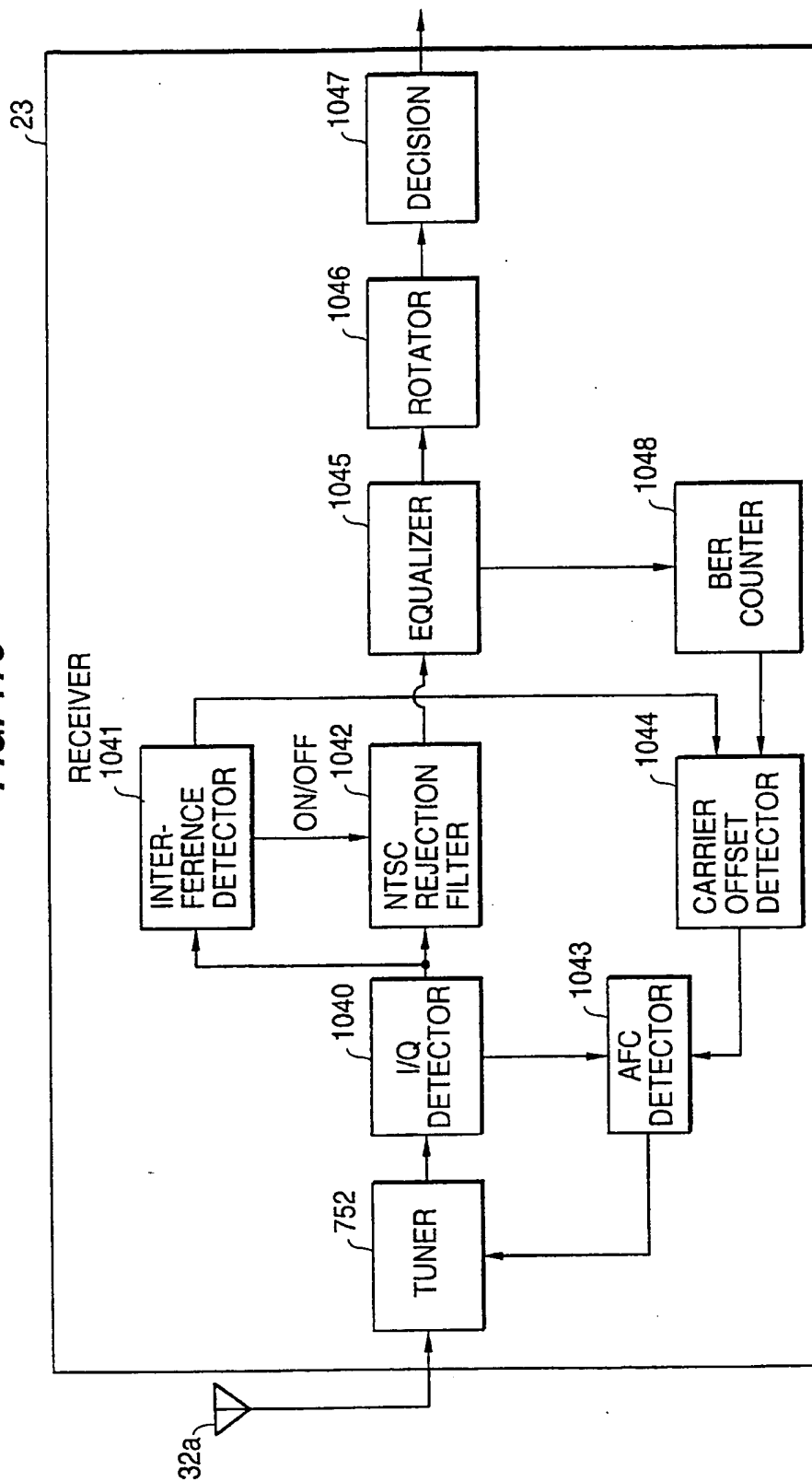


FIG. 179

